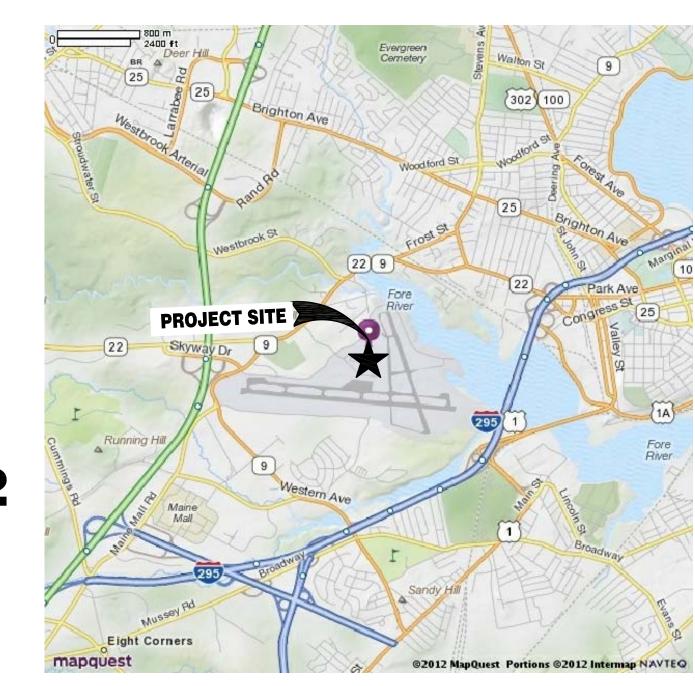


SCALE: NOT TO SCALE

TSA Portland, ME Succeeding Lease & Expansion

Portland International Jetport, 1001 Westbrook Street, Portland, ME 04102

CONTRACT NO. GS-01P-09-BW-D-0082
TASK ORDER NO. GS-P-01-12-BW-5145



SITE LOCATION

DDAWING LICT

LEGEND OF DETAIL DETAIL WAS IDENTIFIED INDICATOR INDICATOR BUILDING SECTION BUILDING ELEVATION INDICATOR INDICATOR → DWG. NO. WHERE ➤ DWG. NO. WHERE FOUND FOUND ▲ ✓ INTERIOR ELEVATION INTERIOR ELEVATION NO. INDICATOR NO. INDICATOR INTERIOR ELEVATION INTERIOR ELEVATION (A 4 01/ INDICATOR, SINGLE INDICATOR, MULTIPLE VIEW ➤ DWG. NO. WHERE FOUND FOUND ✓ DETAIL NO. INDICATOR DETAIL MARKER (A 5 01*)* INDICATOR ➤ DWG. NO. WHERE WALL TAG **INDICATOR** FOUND ∕ ROOM/AREA NAME WINDOW TAG CORRIDOR INDICATOR ROOM/AREA 123 IDENTIFIER ROOM NO. **INDICATOR** - EXISTING ITEM TO REMAIN ELEVATION MARKER ---- ITEM TO BE DEMOLISHED OR REMOVED ——— NEW ITEM — — · — LIMIT OF WORK

GENERAL NOTES

- 1. ALL WORK INCLUDED IN THIS CONTRACT SHALL CONFORM TO ALL STATE, NATIONAL AND OTHER CODES AND ORDINANCES WHICH APPLY TO THIS PROJECT.
- 2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS, PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE CONTRACTING OFFICER. THE CONTRACTOR SHALL PROCEED WITH THE WORK ONLY AFTER THE DISCREPANCIES HAVE BEEN RESOLVED BY THE CONTRACTING OFFICER.
- 3. CARE SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SYSTEMS AND SURFACES TO REMAIN. ALL DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AS APPROVED BY THE CONTRACTING OFFICER AT NO ADDITIONAL COST TO THE GOVERNMENT.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS WHICH ARE REQUIRED FOR THE SATISFACTORY COMPLETION OF WORK.
- 5. THE CONTRACTOR SHALL PROVIDE BARRICADES AT ALL WORK AREAS TO PREVENT PERSONNEL FROM ENTERING AREAS OF WORK.
- 6. ALL DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH UNLESS NOTED OTHERWISE.
- 7. THE CONTRACTOR SHALL COORDINATE THE TIMING AND SEQUENCE OF WORK WITH THE CONTRACTING OFFICER, GOVERNMENT EMPLOYEES AND BUILDING TENANTS.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL AND/OR RECYCLING OF ALL DEMOLITION MATERIALS UNLESS NOTED TO SALVAGE AND TURN OVER TO THE GOVERNMENT FOR REUSE OR RELOCATION.
- 9. COORDINATE CLEANING OF THE WORK AREA WITH ALL APPLICABLE CITY, STATE, AND FEDERAL REGULATIONS.
- 10. EXECUTE WORK IN A CAREFUL AND ORDERLY MANNER WITH LEAST POSSIBLE DISTURBANCE TO THE PUBLIC AND BUILDING OCCUPANTS.
- 11. DIMENSIONS OF ALL REPLACEMENT MATERIALS SHALL MATCH EXISTING MATERIALS DIMENSIONS, U.N.O.
- 12. WHERE ALTERATIONS OCCUR, OR NEW AND OLD WORK JOIN, CUT REMOVE, PATCH, REPAIR OR REFINISH TO ADJACENT SURFACES AND LEAVE IN AS GOOD CONDITION AS EXISTED PRIOR TO COMMENCING WORK.

CODE INFORMATION

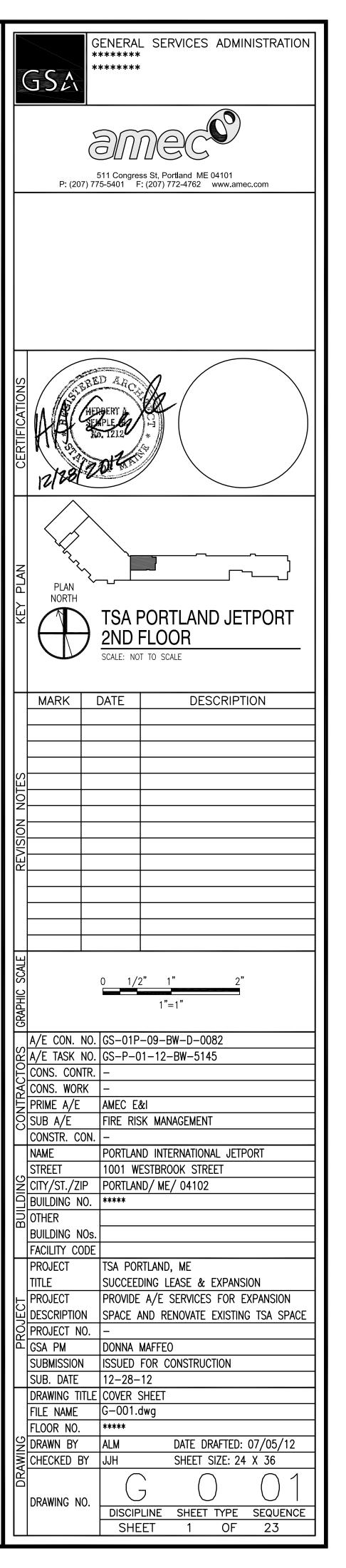
THE DESIGN OF THIS PROJECT CONFORMS TO THE FOLLOWING APPLICABLE CODES AND GOVERNMENT REQUIREMENTS:

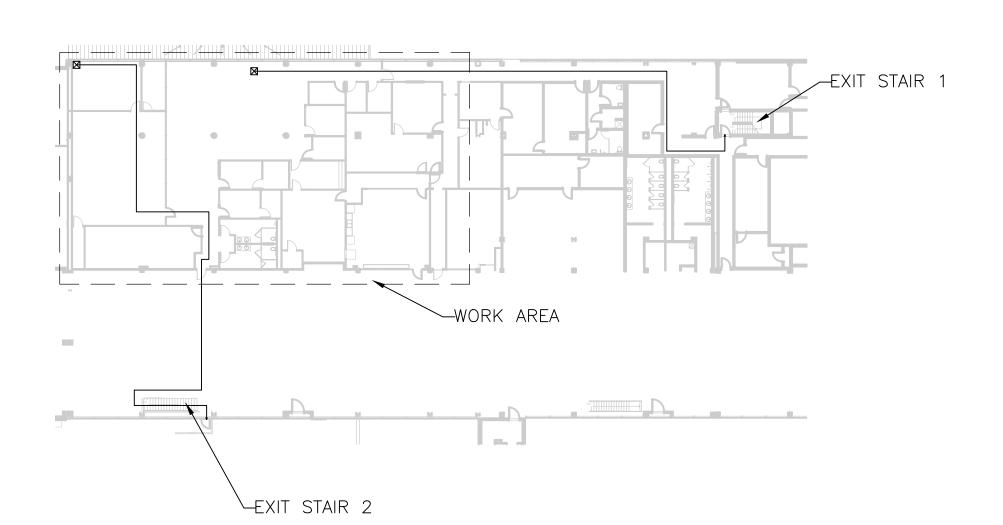
NFPA 101 (2012)
INTERNATIONAL BUILDING CODE (2009)
INTERNATIONAL EXISTING BUILDING CODE (2009)
INTERNATIONAL ENERGY CONSERVATION CODE (2009)
AMERICANS WITH DISABILITIES ACT (ADA) 2010
ASHRAE STANDARD 62.1
NFPA 70 ELECTRICAL CODE
NFPA 1 FIRE CODE

&	AND	MATL	MATERIAL
0	AT	MAX	MAXIMUM
±	PLUS OR MINUS	MECH	MECHANICAL
		MIN	MINIMUM
APC	ACOUSTICAL PANEL CEILING	MTL	METAL
BOS	BOTTOM OF STEEL	NIC NTS	NOT IN CONTRACT NOT TO SCALE
CPT	CARPET	1113	NOT TO SOME
CONC	CONCRETE	OC	ON CENTER
CT	CERAMIC TILE		
CW	CLEAR WIDTH	PLY WD	PLYWOOD
	CLEAR WIDTH	P.T.	PRESSURE TREATED
DEMO	DEMOLITION	PWR	POWER
DEMO	DIAMETER	PWK	POWER
DR	DOOR	RTG	RATING
DET	DETAIL	RM	ROOM
DWG	DRAWING	IVIVI	NOOM
DWG	DRAWING	SECT	SECTION
EA	EACH	SHT	SHEET
			SIMILAR
ELEC	ELECTRICAL	SIM	
ELEV	ELEVATION	SQ FT.	SQUARE FOOT, SQUARE FEET
EXIS	EXISTING		T0110115 1115 050015
		T&G	TONGUE AND GROOVE
FD	FLOOR DRAIN	THK	THICKNESS
FF	FINISH FLOOR	THRU	THROUGH
FIN	FINISH	TOS	TOP OF STEEL
FLR	FLOOR	TPO	THERMOPLASTIC POLYOLEFIN
FT	FOOT, FEET	TS	TUBE STEEL
		TYP	TYPICAL
GA	GAUGE		
GALV	GALVANIZED	UNO	UNLESS NOTED OTHERWISE
GFI	GROUND FAULT INTERCEPT	-	- · · · - · · · · -
GWB	GYPSUM WALL BOARD	VCB	VINYL COVE BASE
		VIF	VERIFY IN FIELD
HGT	HEIGHT	•••	
HVAC	HEATING, VENTILATION AND	W/	WITH
	AIR CONDITIONING	WD	WOOD
		WWF	WELDED WIRE FABRIC
LF	LINEAR FOOT	VV VV F	WELDED WIKE FADRIC
		FOID	EVECUTIVE OFFICE OF IMPROPATION
LOC	LOCATION	EOIR	EXECUTIVE OFFICE OF IMMIGRATION
LTG	LIGHTING		REVIEW
LVL	LAMINATED VENEER LUMBER		
	(ENGINEERED LUMBER)		

ABBREVIATIONS

DRAWING NO.	SHEET SEQUENCE	DRAWING TITLE
G 0 01	01 of 23	TITLE SHEET
LS 1 01	02 of 23	LIFE SAFETY PLAN
AD 1 01	03 of 23	DEMOLITION FLOOR PLAN
AD 1 02	04 of 23	DEMOLITION REFLECTED CEILING PLAN
AE 1 01	05 of 23	FLOOR PLAN
AE 1 02	06 of 23	REFLECTED CEILING PLAN
AE 4 01	07 of 23	ENLARGED PLANS AND DETAILS
AE 6 01	08 of 23	DOOR AND FINISH SCHEDULES
FD 1 01	09 of 23	FIRE ALARM DEMOLITION PLAN
FA 1 01	10 of 23	FIRE ALARM PLAN
P 0 01	11 of 23	PLUMBING DETAILS, LEGEND, & SCHEDULES
P 1 01	12 of 23	PLUMBING FLOOR PLANS
M 0 01	13 of 23	MECHANICAL LEGEND & GENERAL NOTES
M 1 01	14 of 23	MECHANICAL FLOOR PLAN & SCHEDULES
M 5 01	15 of 23	MECHANICAL DETAILS
E 0 01	16 of 23	LEGEND ABBREVIATIONS, & GENERAL NOTES
ED 1 01	17 of 23	DEMOLITION FLOOR PLANS
ED 1 02	18 of 23	DEMOLITION LIGHTING PLAN
EP 1 01	19 of 23	ELECTRICAL POWER FLOOR PLAN
EL 1 01	20 of 23	ELECTRICAL LIGHTING PLAN
EY 1 01	21 of 23	ELECTRICAL SYSTEMS FLOOR PLAN
EY 1 02	22 of 23	ELECTRICAL SECURITY FLOOR PLAN
E 6 51	23 of 23	ONE LINE DIAGRAM





EXIT 2= 200 FT

1 LIFE SAFETY / EGRESS PLAN — TSA TENANT SPACE LS101) SCALE: 1/8"=1'-0"

2 LIFE SAFETY / EGRESS PLAN — SECOND FLOOR LS101 SCALE: 1/32"=1'-0"

LIFE SAFETY NOTES:

- 1. TRAVEL DISTANCE TO EXITS <200 FT MAX. ALLOWED.
- 2. COMMON PATH OF TRAVEL <75 FT MAX. ALLOWED.
- 3. DEAD END CORRIDORS <20 FT MAX. ALLOWED.
- 4. SINCE THE BUILDING IS NOT FULLY SPRINKLERED, CORRIDORS ARE REQUIRED TO BE 1 HOUR FIRE—RESISTANCE RATED PER IBC TABLE 1018.1.
- 5. EMERGENCY LIGHTING WILL BE PROVIDED TO SPECIFIC FIXTURES ALONG THE PATH OF EGRESS FROM THE EMERGENCY GENERATOR.
- 6. EXISTING CONDITIONS ARE AS PROVIDED BY AMEC.
 1 HOUR CORRIDOR TO BE CONSTRUCTED PRIOR TO TSA PROJECT.

LIFE SAFETY SYMBOLS:

TRAVEL DISTANCE (FROM FURTHEST POINT)

- - EXISTING 1 HOUR RATED CONSTRUCTION

EXIT SIGN

CONFERENCE USE

OFFICE USE

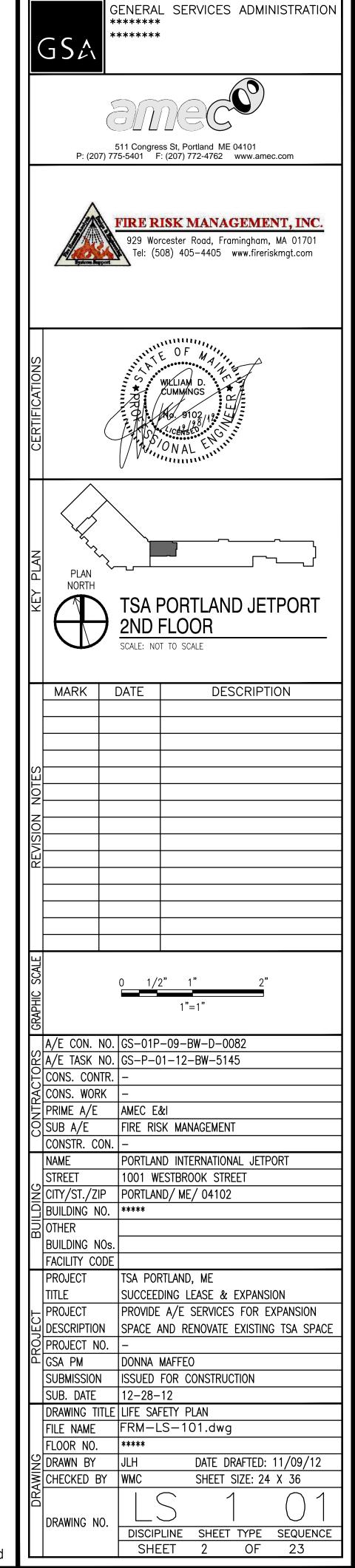
TAVEL DISTANCE TO DISTANCE TO

OCCUPANT LOAD:

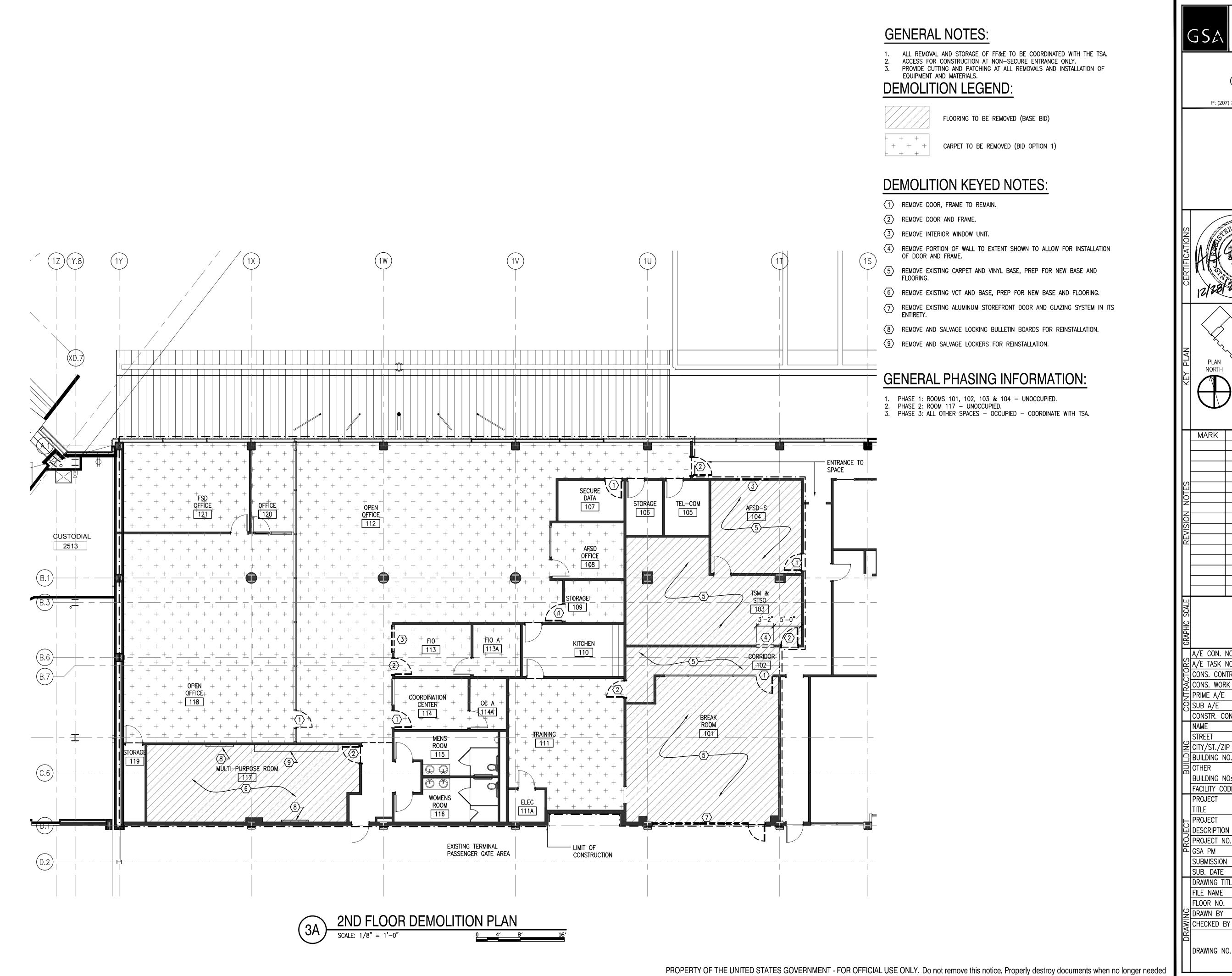
USE	FLOOR AREA (SF)	OCC. LOAD FACTOR (SF/OCC)	OCC. LOAD
OFFICE	7,336	100 GROSS	74
CONFERENCE	1,172	15 NET	79
		ТОТ	AL = 153

FGRESS CAPACITY:

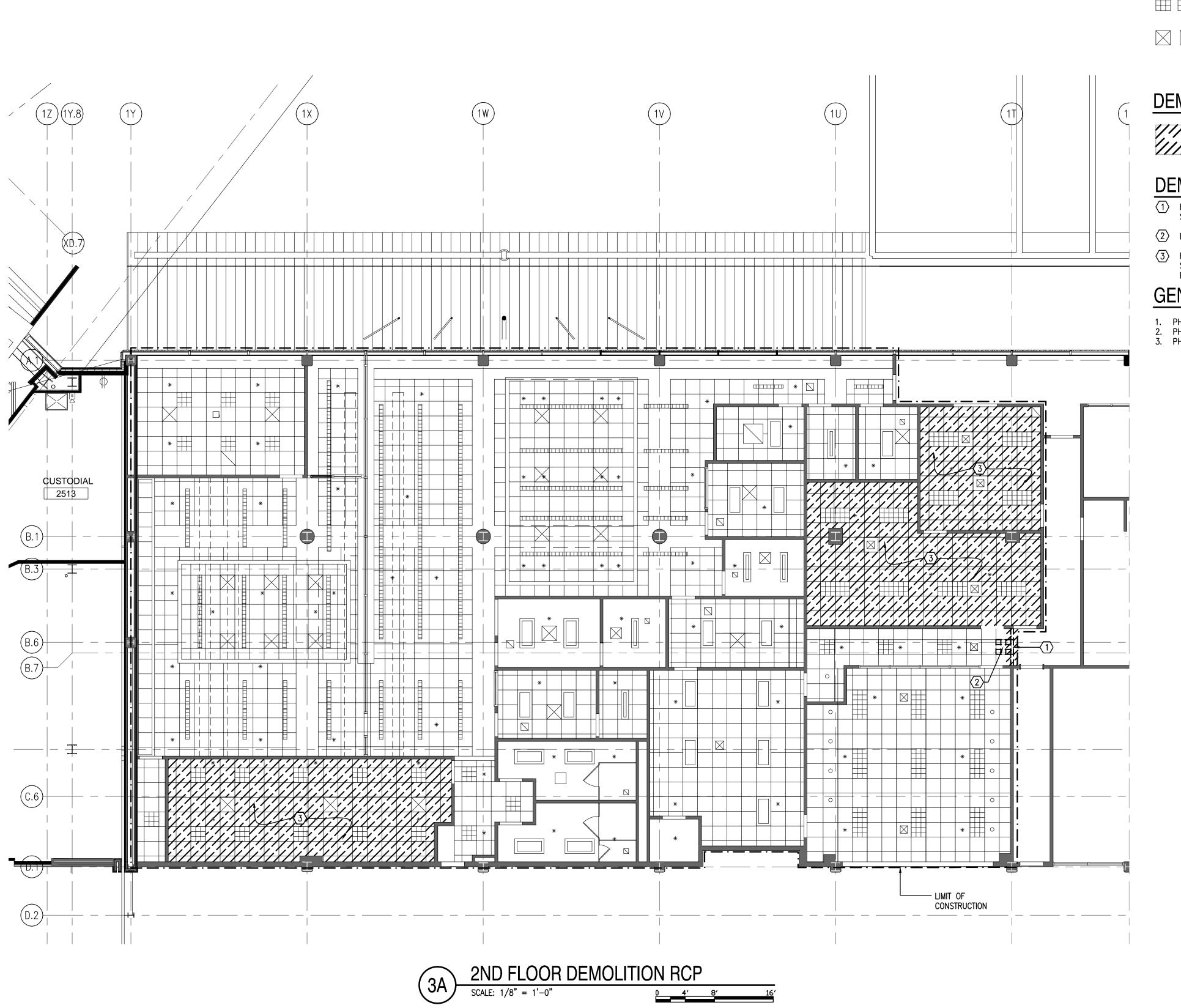
<u> </u>	<u>Capaciii.</u>						
EGRESS NAME	EGRESS FACTOR (IN/OCC)	ELEMENT CAPACITY	EGRESS CAPACITY				
DOOR 1	0.2 (DOOR)	40"DOOR/0.2=200	200				
DOOR 2	0.2 (DOOR)	34"DOOR/0.2=170	170				
DOOR 3	0.2 (DOOR)	34"DOOR/0.2=170	170				
TOTAL = 540							







DISCIPLINE SHEET TYPE SEQUENCE
SHEET 3 OF 23



GENERAL NOTES:

- ALL REMOVAL AND STORAGE OF FF&E TO BE COORDINATED WITH THE TSA.

 ACCESS FOR CONSTRUCTION AT NON—SECURE ENTRANCE ONLY.
- 3. REMOVE AND DISPOSE OF DAMAGED CEILING TILES, UP TO 5% OF TILE CEILING AREA, EXCEPT WHERE INDICATED TO BE REPLACED ENTIRELY.
 4. REMOVE CEILING AS REQUIRED FOR THE WORK, SALVAGE FOR REINSTALLATION.
- 5. REFER TO SHEETS ED-101 AND EP-101 FOR ELECTRICAL WORK IN THE FLOOR THAT REQUIRES ACCESS FROM THE CEILING BELOW. REMOVE CEILING AS REQUIRED FOR THE WORK, SALVAGE FOR REINSTALLATION.
- 6. PROVIDE CUTTING AND PATCHING AT ALL REMOVALS AND INSTALLATION OF ALL EQUIPMENT AND MATERIALS.

CEILING LEGEND:



EXISTING HVAC SUPPLY/RETURN

EXISTING SPRINKLER HEAD

DEMOLITION LEGEND:

CEILING TILES TO BE REMOVED AND DISPOSED

DEMOLITION KEYED NOTES:

- REMOVE PORTION OF CEILING AND GRID TO ALLOW FOR FLOOR TO SLAB CONSTRUCTION OF NEW WALL.
- 2 REMOVE LIGHT FIXTURE AND SALVAGE FOR REINSTALLATION.
- REMOVE AND DISPOSE OF CEILING TILES. ALL HVAC, LIGHTING, SPRINKLERS AND OTHER CEILING MOUNTED ITEMS AND GRID TO

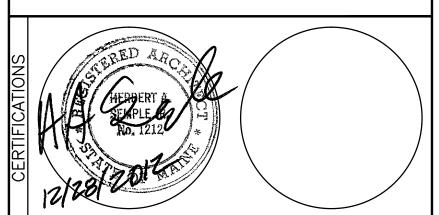
GENERAL PHASING INFORMATION:

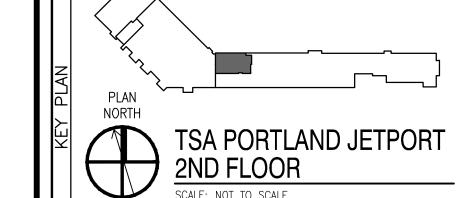
- PHASE 1: ROOMS 101, 102, 103 & 104 UNOCCUPIED.
 PHASE 2: ROOM 117 UNOCCUPIED.
- 3. PHASE 3: ALL OTHER SPACES OCCUPIED COORDINATE WITH TSA.

GENERAL SERVICES ADMINISTRATION



511 Congress St, Portland ME 04101 P: (207) 775-5401 F: (207) 772-4762 www.amec.com





MARK DATE DESCRIPTION

SELON NOISING

N

1"=1"

A/E CON. NO. GS-01P-09-BW-D-0082

A/E TASK NO. GS-P-01-12-BW-5145

CONS. CONTR. —

CONS. WORK —

PRIME A/E AMEC E&I

SUB A/E FIRE RISK MANAGEMENT

CONSTR. CON. —

NAME PORTLAND INTERNATIONAL JETPORT

STREET 1001 WESTBROOK STREET

CITY/ST./ZIP PORTLAND/ ME/ 04102

BUILDING NO. *****

BUILDING NO. *****

OTHER
BUILDING NOs.

FACILITY CODE

FACILITY CODE

PROJECT TSA PORTLAND, ME
TITLE SUCCEEDING LEASE & EXPANSION
PROJECT PROVIDE A/E SERVICES FOR EXPANSION
DESCRIPTION SPACE AND RENOVATE EXISTING TSA SPACE
PROJECT NO. —
GSA PM DONNA MAFFEO

GSA PM DONNA MAFFEO
SUBMISSION ISSUED FOR CONSTRUCTION
SUB. DATE 12-28-12

DRAWING TITLE DEMOLITION REFLECTED CEILING PLAN
FILE NAME AD-102.dwg

FILE NAME AD-102.dwg
FLOOR NO. *****

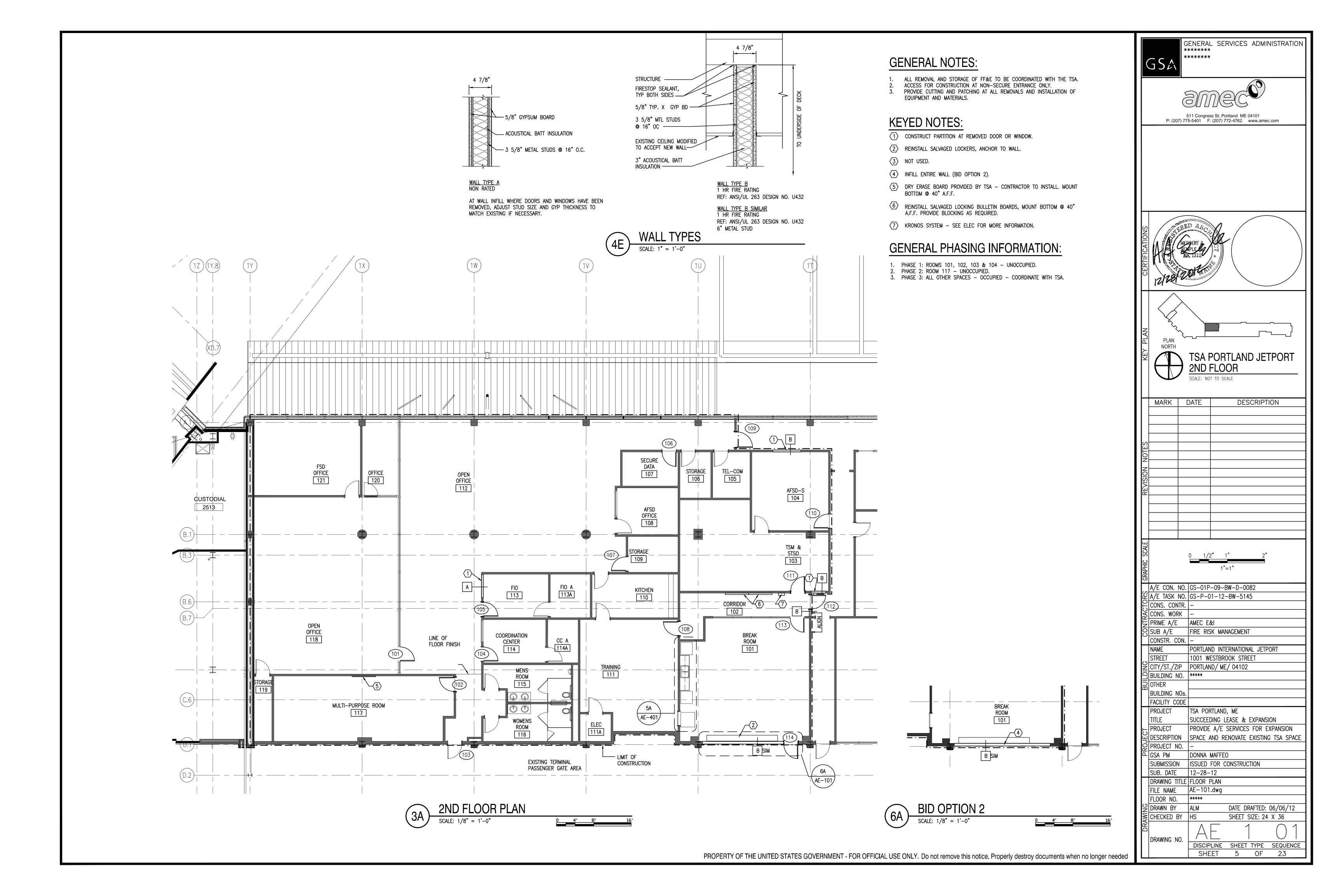
DRAWN BY CAM
CHECKED BY HS

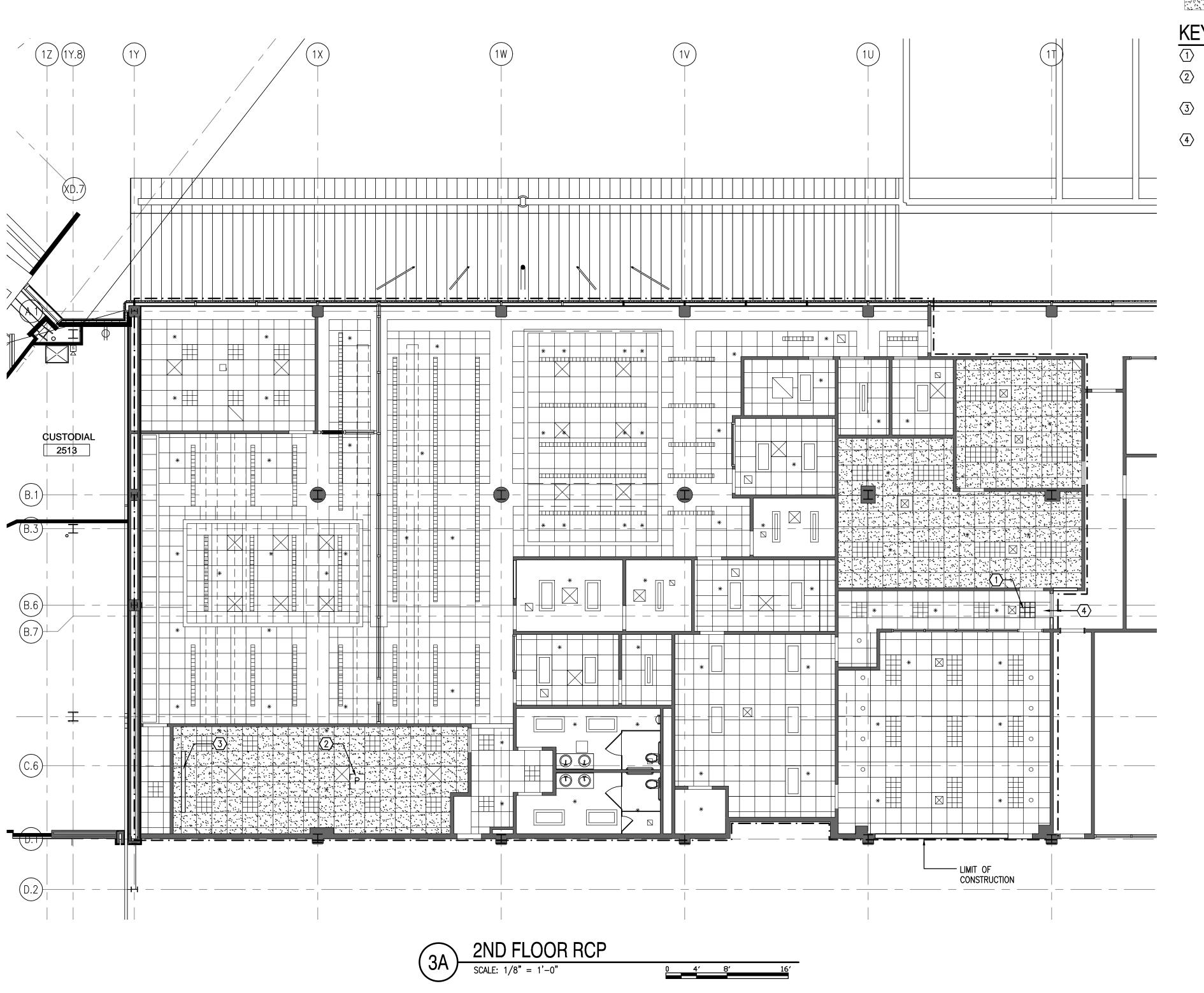
DRAWN BY CAM DATE DRAFTED: 06/06/12

CHECKED BY HS SHEET SIZE: 24 X 36

DRAWING NO.

DISCIPLINE SHEET TYPE SEQUENCE
SHEET 8 OF 23

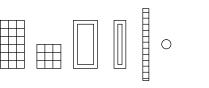




GENERAL NOTES:

- ALL REMOVAL AND STORAGE OF FF&E TO BE COORDINATED WITH THE TSA.
 ACCESS FOR CONSTRUCTION AT NON-SECURE ENTRANCE ONLY.
- 3. REPLACE DAMAGED ACOUSTIC CEILING TILES (UP TO 5% OF TILE CEILING AREA, EXCLUDING WHERE INDICATED TO BE REPLACED ENTIRELY) WITH LIKE KIND, REINSTALL TILES THAT WERE REMOVED AND SALVAGED FOR ALL WORK.
- 4. PROVIDE CUTTING AND PATCHING AT ALL REMOVALS AND INSTALLATION OF ALL EQUIPMENT AND MATERIALS.

CEILING LEGEND



EXISTING LIGHTING



EXISTING HVAC SUPPLY/RETURN

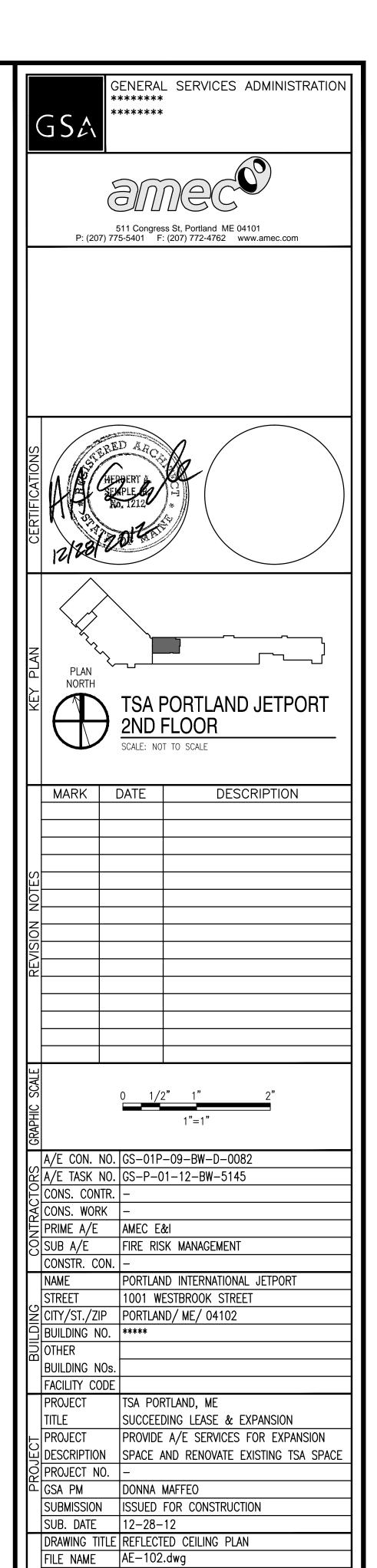
EXISTING SPRINKLER HEAD



NEW CEILING TILES IN EXISTING GRID

KEYED NOTES:

- 1 INSTALL PREVIOUSLY SALVAGED LIGHT.
- Infocus projector with mounting bracket to be provided by TSA- Contractor to install.
- SURFACE MOUNTED 120" MOTORIZED PROJECTOR SCREEN TO BE PROVIDED BY TSA— CONTRACTOR TO INSTALL.
- REPAIR/REPLACE CEILING AND GRID THAT WAS DAMAGED/REMOVED DURING WALL CONSTRUCTION.



FLOOR NO. *****

P DRAWN BY CAM

₹|CHECKED BY |HS

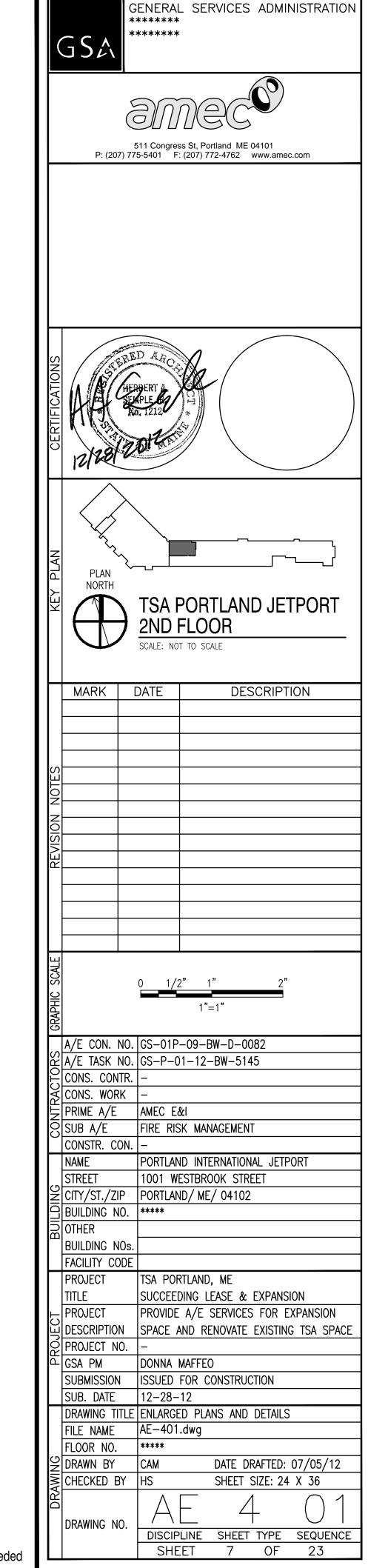
DRAWING NO.

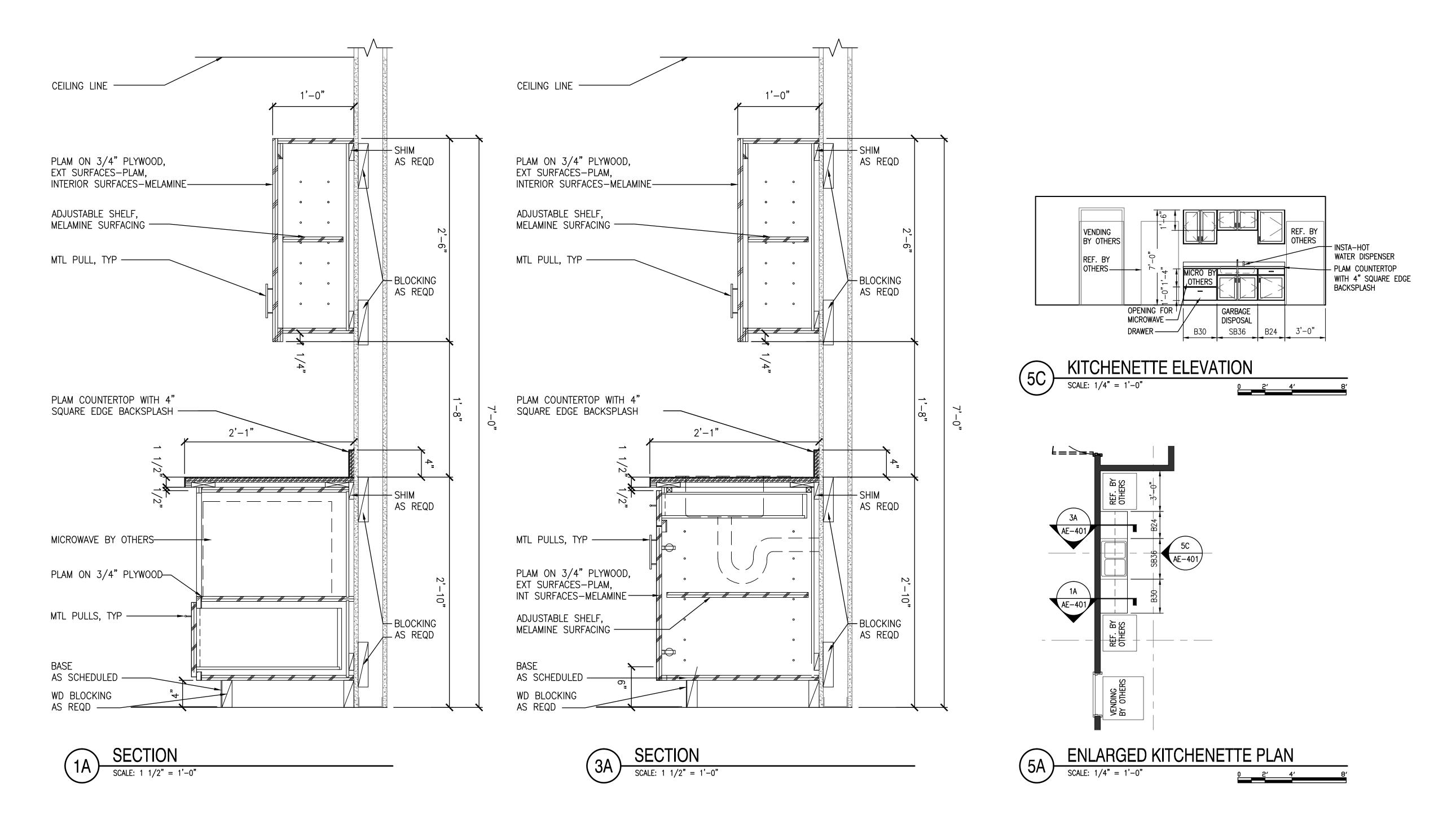
DATE DRAFTED: 06/06/12 SHEET SIZE: 24 X 36

DISCIPLINE SHEET TYPE SEQUENCE
SHEET 6 OF 23

GENERAL NOTES:

ALL REMOVAL AND STORAGE OF FF&E TO BE COORDINATED WITH THE TSA.
 ACCESS FOR CONSTRUCTION AT NON-SECURE ENTRANCE ONLY.





		FLOC)R	BASE	<u>-</u>		WALLS								CEILING		
MARK	DESCRIPTION					NO	RTH		EAST	SOUTH		W	EST				REMARKS
		MATL	FINISH	FINISH	HEIGHT	MATL	FINISH	MATL	FINISH	MATL	FINISH	MATL	FINISH	TYPE	FINISH	HEIGHT	
101	BREAK ROOM	VCT		RUB	4"	EXG	PAINT	EXG	PAINT	GWB/EXG	PAINT	EXG	PAINT	EXG	EXG	EXG	SEE NOTE 1, 2B
102	CORRIDOR	CPT		RUB	4"	EXG	PAINT	GWB	PAINT BOTH SIDES	EXG	PAINT	EXG	PAINT	EXG	EXG	EXG	SEE NOTE 1
103	TSM & STSO	CPT		RUB	4"	EXG	PAINT	EXG	PAINT	EXG	PAINT	EXG	PAINT	ACT		EXG	SEE NOTE 3
104	AFSD-S	CPT		RUB	4"	GWB/EXG	PAINT	EXG	PAINT	EXG	PAINT	EXG	PAINT	ACT		EXG	SEE NOTE 3
105	TEL-COM	EXG		EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
106	STORAGE	EXG		EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
107	SECURE DATA	EXG		EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
108	AFSD OFFICE	NOTE 2A		NOTE 2A	4"	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
109	STORAGE	EXG		EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
110	KITCHEN	EXG		EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
111	TRAINING	NOTE 2A		NOTE 2A	4"	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
111A	ELECTRIC	EXG		EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
112	OPEN OFFICE	NOTE 2A		NOTE 2A	4"	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
113	FIO	NOTE 2A		NOTE 2A	4"	EXG	EXG	EXG	EXG	EXG	EXG	GWB/EXG	PAINT	EXG	EXG	EXG	SEE NOTE 1
113A	FIO A	NOTE 2A		NOTE 2A	4"	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
114	COORDINATION CENTER	NOTE 2A		NOTE 2A	4"	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
114A	CC A	NOTE 2A		NOTE 2A	4"	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
115	MENS ROOM	EXG		EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
116	WOMENS ROOM	EXG		EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
117	MULTI-PURPOSE ROOM	CPT		RUB	4"	EXG	PAINT	EXG	PAINT	EXG	PAINT	EXG	PAINT	ACT		EXG	SEE NOTE 3
118	OPEN OFFICE	NOTE 2A		NOTE 2A	4"	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
119	STORAGE	EXG		EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
120	OFFICE	NOTE 2A		NOTE 2A	4"	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1
121	FSD OFFICE	NOTE 2A		NOTE 2A	4"	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	EXG	SEE NOTE 1

– GYPSUM WALLBOARD

VINYL COMPOSION TILE

MATERIAL

PAINT

RUBBER

PNT

RUB VCT

LEGEND:

CPT

EXG

GWB

ACOUSTICAL CEILING TILE

CARPET TILE

GYPSUM WALLBOARD

EXISTING

MATERIAL

PAINT

REPLACE DAMAGED OR STAINED ACOUSTICAL CEILING TILES, UP TO 5% OF TILE CEILING AREA.
 BID OPTIONS

2A. OPTION 1: REMOVE AND REPLACE CARPET AND RUBBER BASE AS INDICATED SCHEDULE.

2B. OPTION 2: INFILL ENTIRE OPENING WITH METAL STUD WALL WITH 5/8" TYPE X GWB ON EACH SIDE. FINISH WALL ON BOTH SIDES TO MATCH EXISTING ADJACENT FINISHED.

SIDE. FINISH WALL ON BOTH SIDES TO MATCH 3. REUSE EXISTING GRID, REPLACE CEILING TILES.

EXISTING WALL

ASSEMBLY —

PATCH GYP BD

AS REQUIRED -

							DOOR	AND FRA	AME SCH	HEDULE						
	LOCA	TION			DOOR	S			HRDWR			FRAM	ES			
MARK	FROM	ТО	NOM	IINAL SIZE		TYPE	MATL	FIRE	SET NO.	TYPE	MATL		DETAILS		FIRE	REMARKS
	TROW		WIDTH	HEIGHT	THK		MAIL	RATING		111 -	IVIATE	HEAD	JAMB	SILL	RATING	
101	118	112	3'-0"	7'-0"	1 3/4"	А	WD		SET #2	EXG	EXG-AL			A5		NOTE 1
102	112	117	3'-0"	7'-0"	1 3/4"	А	WD		SET #3	1	НМ	В3	B4	A5		NOTE 1
103	112		EXG	EXG	EXG	EXG	EXG-HM		SET #7	EXG	EXG-HM					NOTE 1
104	112	114	3'-0"	7'-0"	1 3/4"	А	WD		SET #3	EXG	EXG-HM			A5		NOTE 1
105	112	113	3'-0"	7'-0"	1 3/4"	А	WD		SET #3	1	НМ	В3	B4	A5		NOTE 1, 2
106	112	107	3'-0"	7'-0"	1 3/4"	А	WD		SET #3	EXG	EXG-HM			A5		NOTE 1
107	109	112	3'-0"	7'-0"	1 3/4"	А	WD		SET #2	EXG	EXG-HM			A5		NOTE 1
108	102	111	3'-0"	7'-0"	1 3/4"	А	WD		SET #3	1	НМ	В3	B4	A5		NOTE 1
109	112		3'-4"	7'-0"	1 3/4"	А	WD	20 MIN	SET #5	1	НМ	A3	A4	A5	20 MIN	NOTE 1
110		104	3'-0"	7'-0"	1 3/4"	А	WD	20 MIN	SET #4	EXG	EXG-HM			A5	20 MIN	NOTE 1
111	102	103	3'-0"	7'-0"	1 3/4"	А	WD		SET #3	1	НМ	В3	B4	A5		NOTE 1
112	102		3'-0"	7'-0"	1 3/4"	А	WD	20 MIN	SET #5	1	НМ	A3	A4	A5	20 MIN	NOTE 1
113	102	101	3'-0"	7'-0"	1 3/4"	Α	WD		SET #3	EXG	EXG-AL			A5		NOTE 1
114	101		3'-0"	7'-0"	1 3/4"	А	НМ		SET #6	1	НМ	A3	A4	A5		NOTE 1, 3, 4

NOTES:

REFER TO SPECIFICATIONS FOR DOOR HARDWARE SETS.

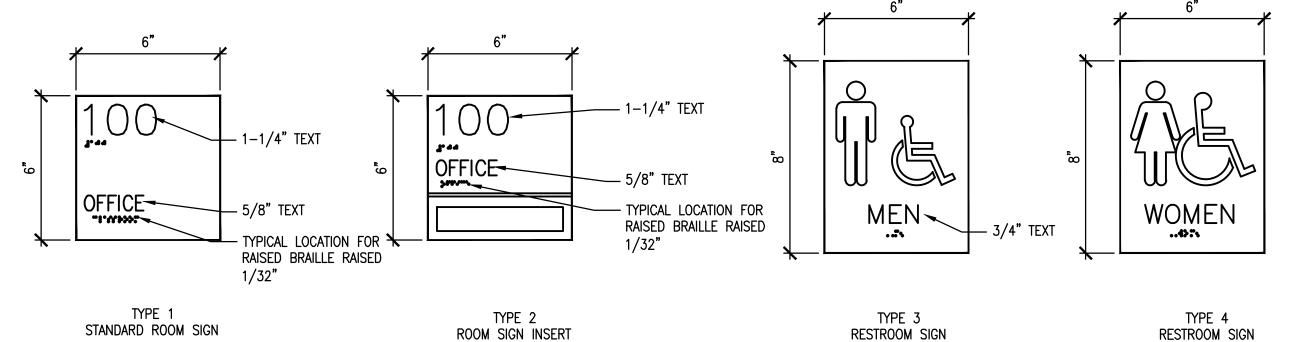
DOOR AND FRAME MUST MEET STC RATING OF 45.
 DOOR TO BE 14 GAUGE MINIMUM.

4. DOOR TO BE ELIMINATED IF BID OPTION 2 IS SELECTED.

5. ALL DOORS, NEW AND EXISTING, WITHIN TSA SUITE TO RECEIVE

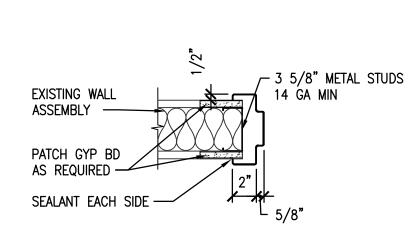
5. ALL DOORS, NEW AND EXISTING, WITHIN TSA SUITE TO RECEIVE TYPICAL SIGNAGE
AS INDICATED IN DETAIL C5 BELOW. DOORS 103, 109, 110, 112, AND 114 ARE
NOT TO RECEIVE SIGNAGE.

OT TO RECEIVE SIGNAGE.



C5 TYPICAL SIGNAGE

SCALE: 3" = 1'-0"



LEGEND:

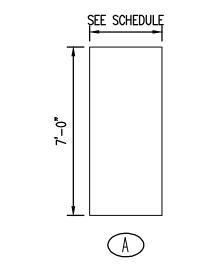
AL – ALUMINUM

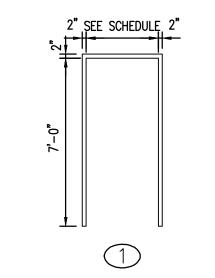
HDWR – HARDWARE

MATL – MATERIAL

HM – HOLLOW METAL

EXG — EXISTING







NO. – NUMBER

WD - WOOD

THK - THICKNESS

MB DETAIL E: 1 1/2" = 1'-0"

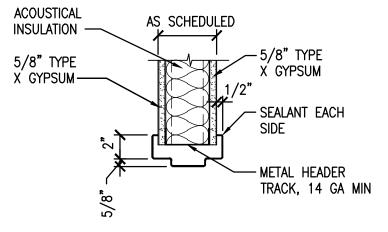
_ 3 5/8" METAL STUDS

└── 14 GA MIN

B5 DOOR TYPE

SCALE: 1/4" = 1'-0"

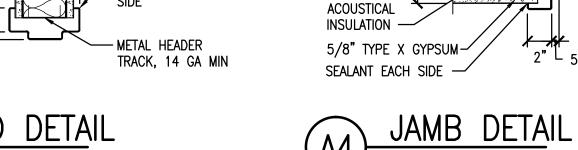




— SEALANT EACH

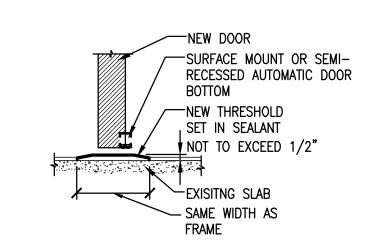
- METAL HEADER

TRACK, 14 GA MIN



5/8" TYPE

X GYPSUM —





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GENERAL SERVICES ADMINISTRATION

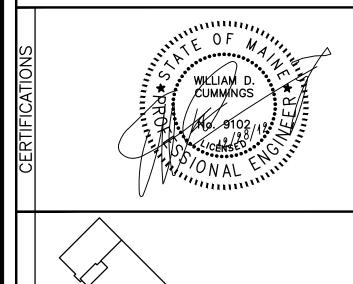
EXISTING FIRE PROTECTION DEVICES:

HORN/STORBE NOTIFICATION DEVICE TO BE REMOVED

HORN/STROBE NOTIFICATION DEVICE TO REMAIN

MANUAL PULL STATION TO BE REMOVED





PLAN	PLAN	
KEY	NORTH	TSA PORTLAND JETPORT 2ND FLOOR
		SCALE: NOT TO SCALE

	MARK	DATE	DESCRIPTION
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REVISION NOTES			
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SCA		0 1/	2" 1" 2"
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GRAPHIC SCALE			
	A/F CON	NO. GS-01F	P-09-BW-D-0082
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П	RS	A/E TASK NO.	GS-P-01-12-BW-5145
П	ΣĽ	CONS. CONTR.	_
П	34	CONS. WORK	_
П	ij	PRIME A/E	AMEC E&I
П	CO	SUB A/E	FIRE RISK MANAGEMENT
П)	CONSTR. CON.	_
		NAME	PORTLAND INTERNATIONAL JETPORT
		CTDEET	4004 WECTDDOOK CTDEET

	INAME	FORTLAND INTLINIATIONAL
	STREET	1001 WESTBROOK STREET
	CITY/ST./ZIP	PORTLAND/ME/04102
	BUILDING NO.	****
	OTHER	
╽╙	BUILDING NOs.	

BUILDING NOs.

FACILITY CODE

PROJECT TSA PORTLAND, ME
TITLE SUCCEEDING LEASE &

TITLE SUCCEEDING LEASE & EXPANSION

PROJECT PROVIDE A/E SERVICES FOR EXPANSION

DESCRIPTION SPACE AND RENOVATE EXISTING TSA SPACE

PROJECT NO. —

CSA PM DONNA MAFFEO

GSA PM DONNA MAFFEO
SUBMISSION ISSUED FOR CONSTRUCTION
SUB. DATE 12–28–12

DRAWING TITLE FIRE ALARM DEMOLITION PLAN
FILE NAME FRM—FD—101.dwg
FLOOR NO. *****

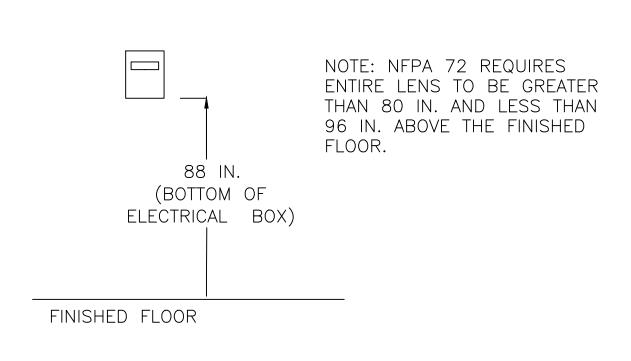
DRAWN BY JLH DATE DRAFTED: 11/09/12
CHECKED BY WMC SHEET SIZE: 24 X 36

DRAWING NO.

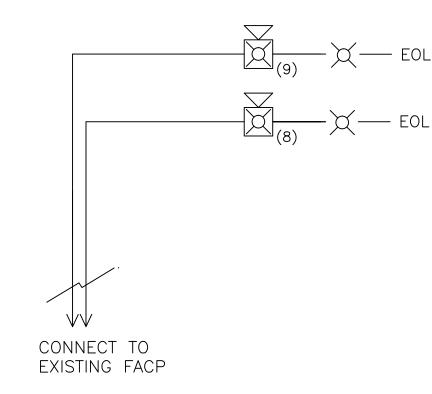
DISCIPLINE SHEET TYPE SEQUENCE

SHEET 9 OF 23

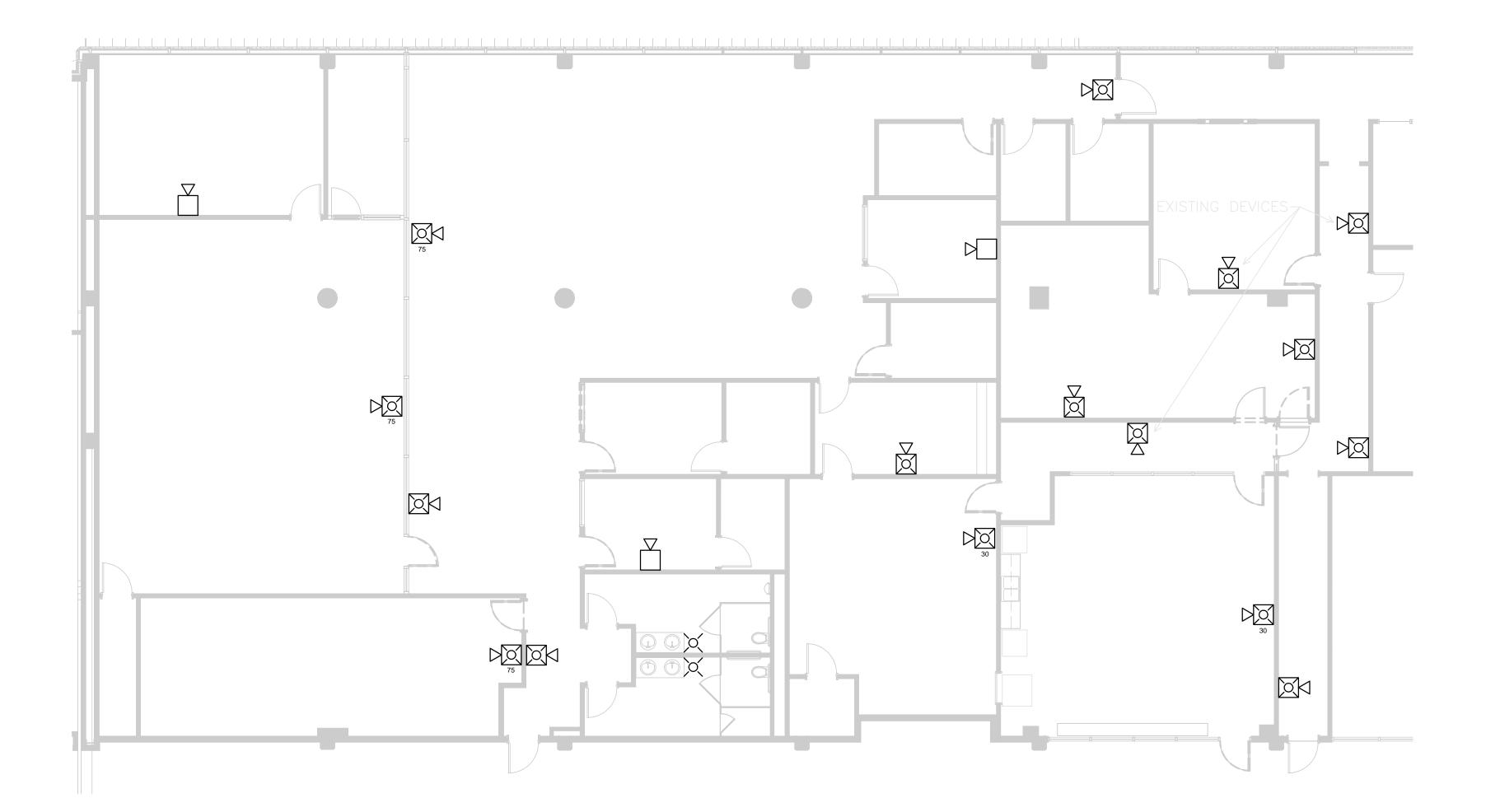




2 FIRE ALARM STROBE DETAIL SCALE: N.T.S.



3 FIRE ALARM RISER DIAGRAM SCALE: N.T.S.



FIRE ALARM NOTES:

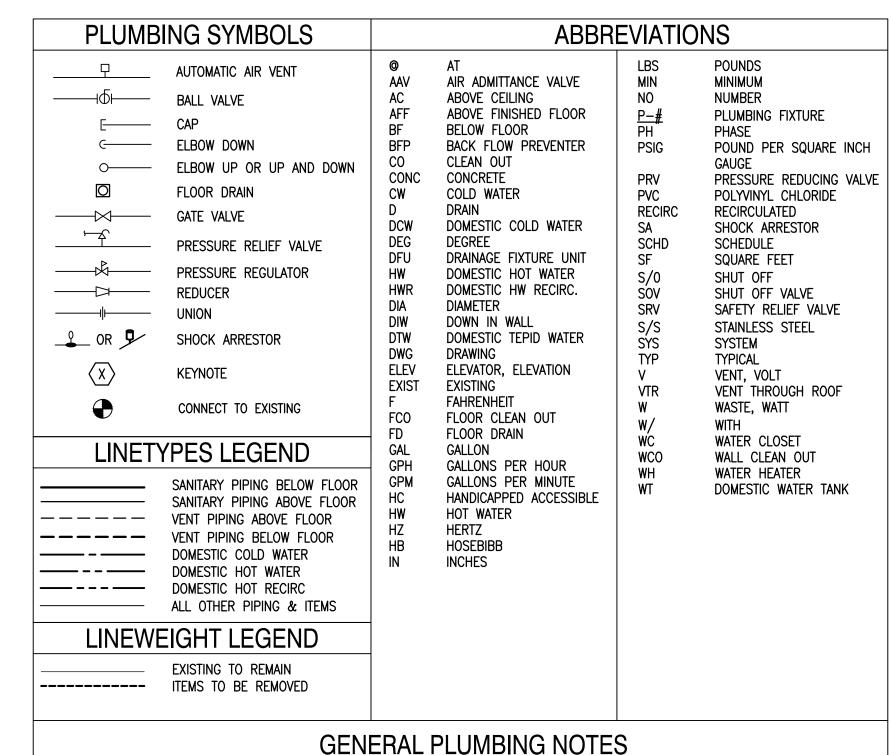
- 1. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING AND BECOME INFORMED AS TO THE NATURE AND SCOPE OF WORK REQUIRED TO MODIFY EXISTING FIRE PROTECTION LAYOUT OF FIRE ALARM. ALL ASSOCIATED WORK SHALL FORM PART OF BASE BID. NO EXTRA CONSIDERATIONS WILL BE GIVEN TO WORK NOT ACCOUNTED FOR IN BIDS.
- 2. UNLESS OTHERWISE APPROVED, ALL MODIFICATIONS TO FIRE ALARM SYSTEM SHALL BE CONDUCTED TO ENSURE CONSTRUCTION DOES NOT AFFECT FIRE ALARM OPERATION ON OTHER FLOORS OF THE BUILDING.
- 3. ALL FIRE ALARM WORK AND TESTING SHALL BE DONE OFF HOURS, AS PERMITTED BY THE AIRPORT AUTHORITY. CONTRACTOR SHALL COORDINATE THE TIMING AND SEQUENCE OF WORK WITH THE CONTRACTING OFFICER, GOVERNMENT EMPLOYEES AND AIRPORT OFFICIALS.
- 4. ALL STROBES ARE TO BE SET AT 15 CANDELA UNLESS OTHERWISE INDICATED
- 5. THE EXISTING SIMPLEX FIRE ALARM CONTROL PANEL IS ASSUMED TO BE ABLE TO ACCOMMODATE THE NEW DEVICES.
- 6. ADDITIONAL SPEAKERS MAY BE NEEDED TO COMPLY WITH AUDIBILITY REQUIREMENTS (I.E. 15 DBA ABOVE AMBIENT).

FIRE ALARM SYMBOLS:

- COMBINATION SPEAKER/STROBE
- X FIRE ALARM STROBE
- FIRE ALARM SPEAKER







- PLUMBING SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE, 2006 EDITION OR THESE PLANS, WHICHEVER IS MORE STRINGENT.
- 2. PLUMBING FIXTURES SHALL BE BACK VENTED. PITCH HORIZONTAL VENT PIPING TO DRAIN.
- PIPING SHOWN DIAGRAMMATICALLY AND MAY BE RELOCATED TO BEST FIT ACTUAL CONDITIONS WITH APPROVAL OF THE CONTRACTING OFFICER.
- CAREFULLY COORDINATE LOCATION OF PIPING WITH HEATING, ELECTRICAL, AND ANY OTHER TRADES WHERE CONCURRENT WORK MAY PRESENT POTENTIAL CONFLICTS. IN ADDITION, CAREFULLY COORDINATE PIPING RUNS WITH STRUCTURAL MEMBERS & CONDITIONS.
- 5. PIPING SHALL RUN ABOVE CEILINGS, IN WALLS AND CHASES OR EXPOSED IN MECHANICAL AREAS, UNLESS NOTED OTHERWISE.
- 6. SANITARY WASTE PIPING LESS THAN 4"Ø SHALL PITCH A MINIMUM OF 1/4" (2%) PER FOOT. SANITARY WASTE PIPING 4"Ø OR LARGER SHALL PITCH A MINIMUM OF 1/8" (1%) PER FOOT.
- 8. CONTRACTOR IS RESPONSIBLE FOR CONNECTION OF HOT AND COLD WATER, AND WASTE AND VENT TO AND FROM PLUMBING FIXTURES AND EQUIPMENT SHOWN ON DRAWINGS. REFER TO FIXTURE CONNECTION SCHEDULE FOR MINIMUM PIPE SIZES TO CLOSEST MAINS.
- 9. CONTRACTOR SHALL COORDINATE EQUIPMENT CONNECTIONS WITH EQUIPMENT DRAWINGS AND SUPPLIER. INSTALL EQUIPMENT AND MAKE FINAL CONNECTION FURNISHING: SHUTOFF VALVES, P-TRAPS, P.R.V.'S AND PIPING REQUIRED.
- 10. VENTS SHALL BE A MINIMUM OF 10 FEET AWAY FROM ALL WINDOWS AND DOORS.
- 11. PROVIDE SHUTOFF VALVES ON HOT AND COLD WATER BRANCH LINES AT CONNECTION TO MAINS WHETHER SHOWN ON

CO ABOVE CEILING -

DETAIL - SINK PUMP PIPING

12. SIZES AND DIMENSIONS ARE SHOWN IN INCHES (in) UNLESS OTHERWISE NOTED.

1 1/2" SCH 40 PVC VENT —

OFFSET INTO WALL -

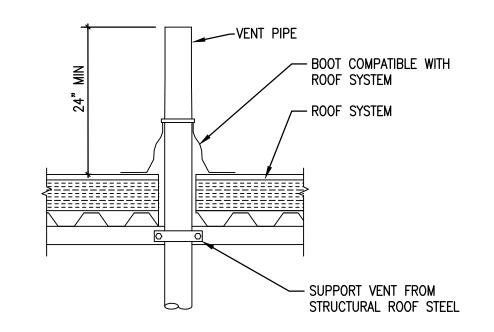
PACKAGED SINK PUMP _

LOCATED IN CABINET BELOW SINK

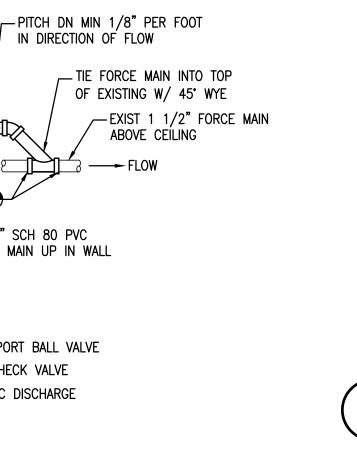
UP IN WALL & THROUGH ROOF

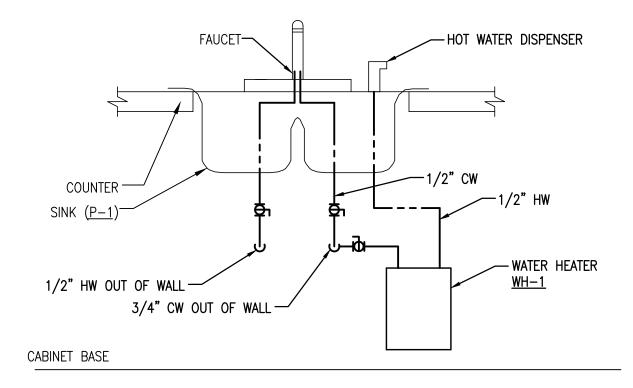
1 1/2" PVC DRAIN

FROM SINK TRAP/GARBAGE



DETAIL - VENT THROUGH ROOF





DETAIL - POINT OF USE WATER HEATER

FOOD WASTE DISPOSER SCHEDULE MANUFACTURER AND MODEL NO UNIT MOTOR DATA NOTES HP RPM VOLTS/PHASE AMPS 3/4 | 1725 | 120/1 | 8.1 | INSINKERATOR EVOLUTION BREAK RM SINK

CONTINUOUS FEED, INTERMITTENT TIME RATING. PROVIDE WITH ANTI-VIBRATION MOUNT. PROVIDE WITH WALL SWITCH.

KEYED NOTE:

ONE MANUFACTURER.

(1) MANUFACTURERS NAME AND MODEL NUMBER ARE USED FOR

DESCRIPTIVE PURPOSES ONLY AND ARE INTENDED TO INDICATE

PREDICATED AROUND LISTED MANUFACTURERS AS NOTED ON

THE STANDARD OF MATERIAL OR ARTICLES REQUIRED. DESIGN IS

SCHEDULES AND IS NOT INTENDED TO LIMIT THE CONTRACTOR TO

	PLUMBING PUMP SCHEDULE										
UNIT	SERVES	ES TYPE		TOTAL		мото)R DATA	MANUFACTURER (1)	NOTES		
NO			l	HEAD (FT)	HP	RPM	VOLTS/PHASE	AND MODEL NO	INOTES		
SP-1	BREAK RM	PACKAGED SINK	21	20	0.4	1550	120/1	GOULDS SDS1	1,2		
	ON-OVERLOADING MOTOR MINIMUM EFFICIENCY										

Р	POINT OF USE ELECTRIC WATER HEATER SCHEDULE										
UNIT		ELECTRICAL					MANUFACTURER 🔼	NATEO			
NO	LOCATION	WATTS	AMPS	VOLTS	PHASE	CYCLE	AND MODEL NO	NOTES			
WH-1	BREAK RM	750	6.25	115	1	60	INSINKERATOR H770-SS	-			

	PLUMBING FIXTURE SCHEDULE											
TAG	G DESCRIPTION CW HW WASTE VENT REMARKS						MANUFACTURER & MODEL NO. 1					
P-1	BREAK ROOM SINK	1/2"	1/2"	1 1/2"	1 1/2"	TOP MOUNTED, STAINLESS STEEL, DOUBLE BOWL, SELF RIMMING	ELKAY LRAD2918 W/ CHICAGO FAUCETS 1100-GN2AE3-317VPACP & INSINKERATOR HW DISPENSER WH-1					

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GENERAL SERVICES ADMINISTRATION ***** 511 Congress St, Portland ME 04101 P: (207) 775-5401 F: (207) 772-4762 www.amec.com TSA PORTLAND JETPORT 2ND FLOOR DESCRIPTION MARK | DATE |A/E CON. NO. |GS-01P-09-BW-D-0082 '∠|A/E TASK NO.|GS-P-01-12-BW-5145 CONS. CONTR. ≰ICONS. WORK PRIME A/E AMEC E&I RISUB A/E FIRE RISK MANAGEMENT CONSTR. CON. -NAME PORTLAND INTERNATIONAL JETPORT 1001 WESTBROOK STREET ECITY/ST./ZIP | PORTLAND/ ME/ 04102 ¬|BUILDING NO. |*****

BUILDING NOs

FACILITY CODE

TSA PORTLAND, ME

DONNA MAFFEO

SUBMISSION ISSUED FOR CONSTRUCTION

P-001.dwg

SUCCEEDING LEASE & EXPANSION

ப்∣DESCRIPTION |SPACE AND RENOVATE EXISTING TSA SPACE

DRAWING TITLE PLUMBING DETAILS, LEGEND, & SCHEDULES

PROVIDE A/E SERVICES FOR EXPANSION

DATE DRAFTED: 06/29/12

SHEET SIZE: 24 X 36

DISCIPLINE SHEET TYPE SEQUENCE SHEET 11 OF 23

PROJECT

_| PROJECT

□|GSA PM

FILE NAME

FLOOR NO.

DRAWING NO.

PDRAWN BY PWZ ≥|CHECKED BY |MSD

PROJECT NO.

SUB. DATE | 12-28-12

IN DIRECTION OF FLOW

—1 1/2" SCH 80 PVC

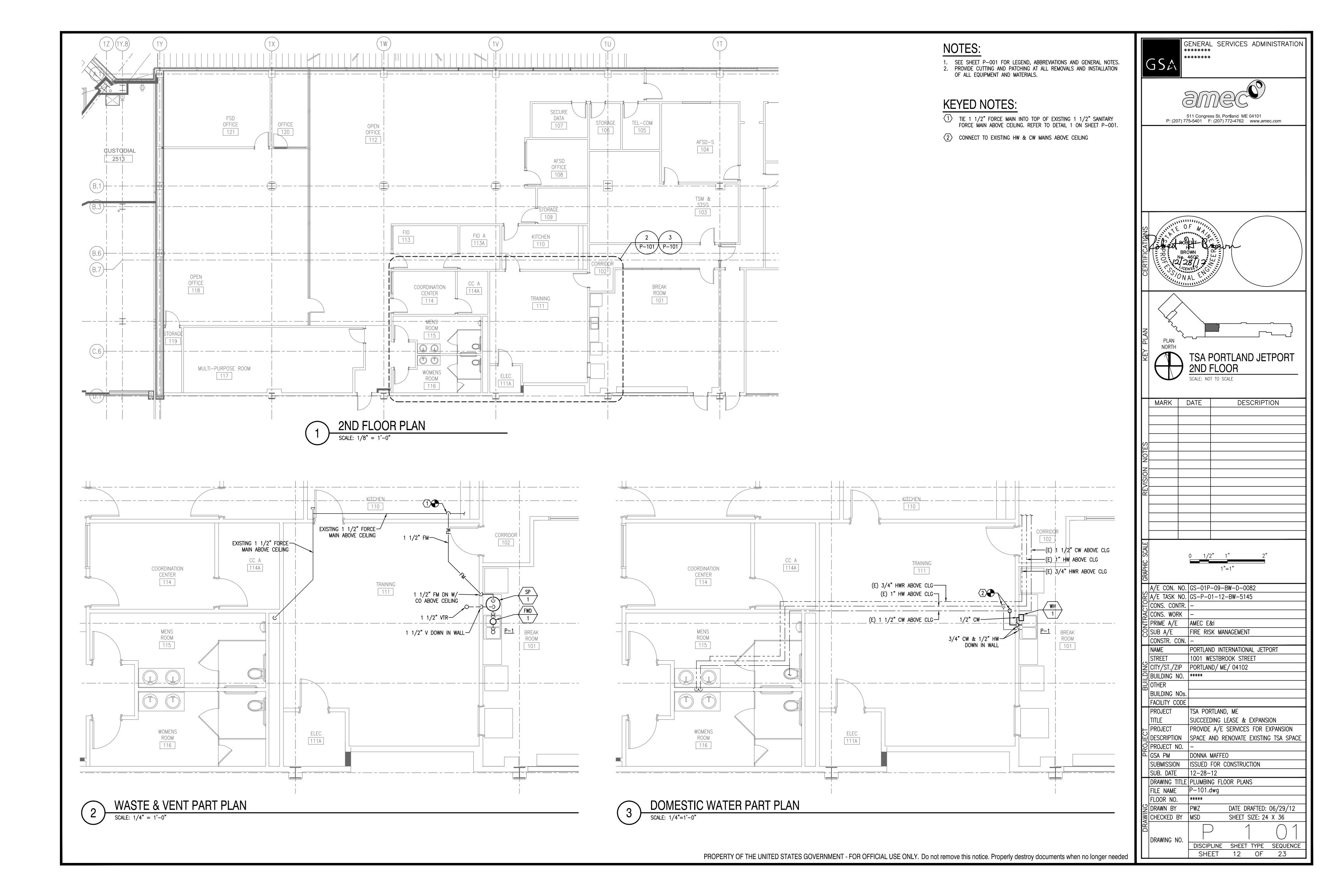
-1 1/2" PVC FULL PORT BALL VALVE

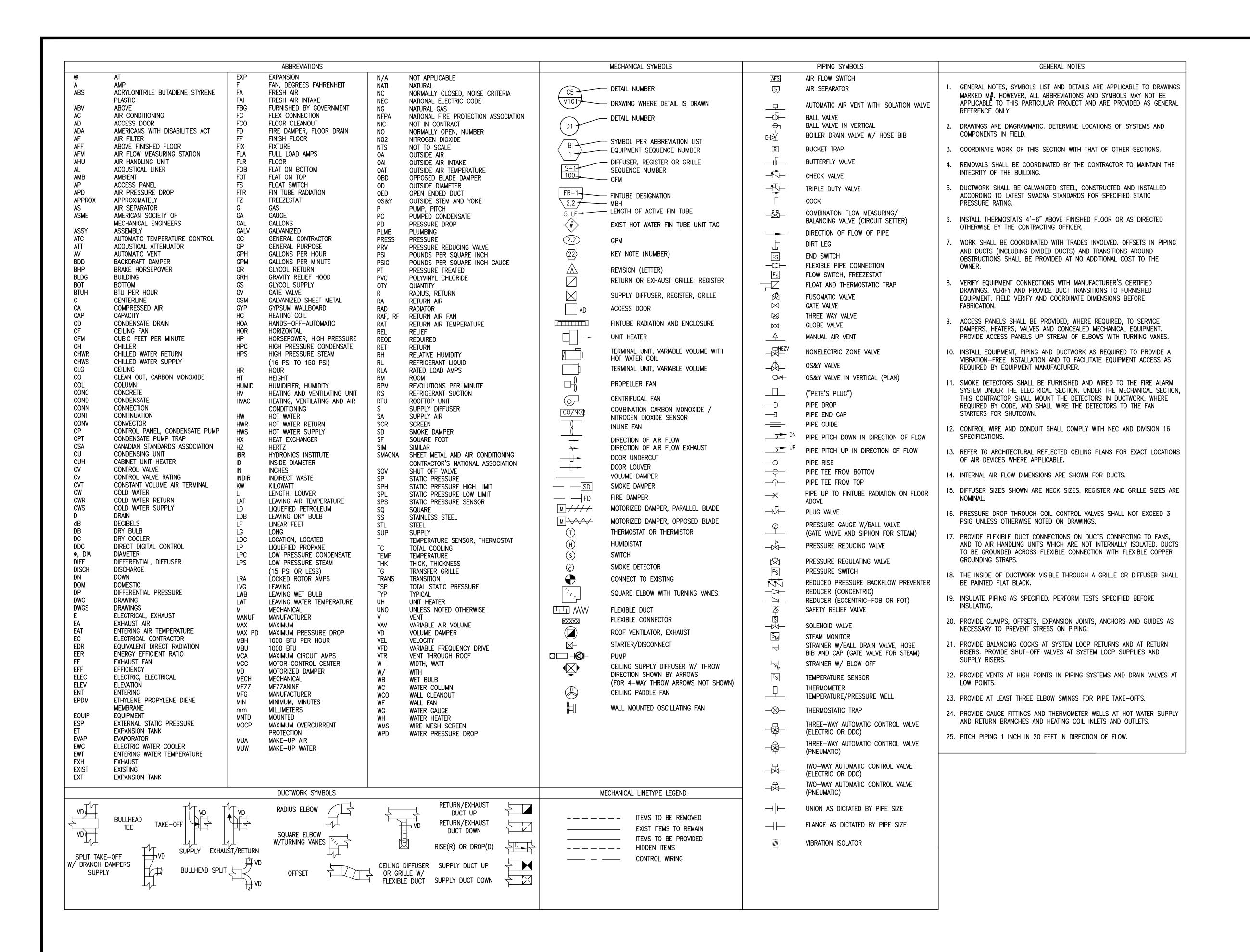
-1 1/2" PVC LIFT CHECK VALVE

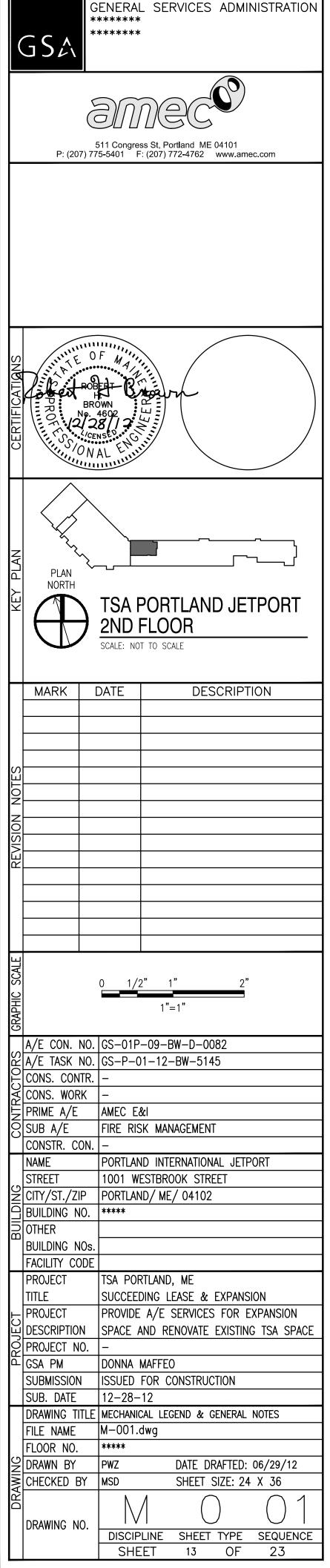
─1 1/2" SCH 80 PVC DISCHARGE

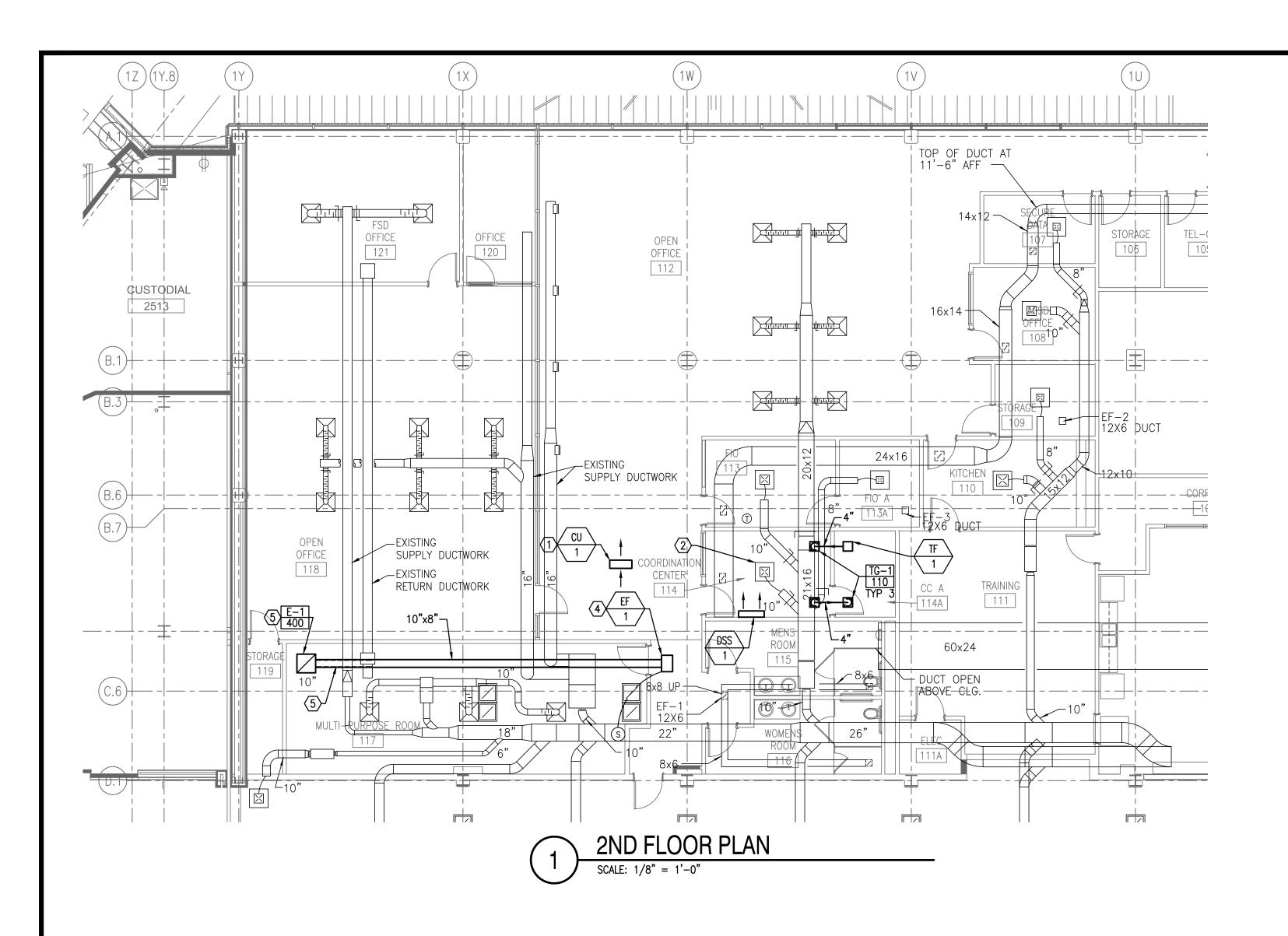
CABINET BASE

FORCE MAIN UP IN WALL









1. SEE SHEET M-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES. 2. PROVIDE CUTTING AND PATCHING AT ALL REMOVALS AND INSTALLATION OF ALL EQUIPMENT AND MATERIALS.

KEYED NOTES:

- SUPPORT CONDENSING UNIT FROM STRUCTURE ABOVE. SEE DETAIL 2 ON SHEET M-501 THIS SHEET. FIELD VERIFY LOCATION OF CONDENSING UNIT IN RELATION TO EXISTING CONDITIONS ABOVE CEILING TO ALLOW FOR UNIMPEDED AIRFLOW THROUGH UNIT.
- 2 REBALANCE EXISTING SUPPLY DIFFUSER TO 50 CFM
- 3 MANUFACTURERS NAME AND MODEL NUMBER ARE USED FOR DESCRIPTIVE PURPOSES ONLY AND ARE INTENDED TO INDICATE THE STANDARD OF MATERIAL OR ARTICLES REQUIRED. DESIGN IS PREDICATED AROUND LISTED MANUFACTURERS AS NOTED ON SCHEDULES AND IS NOT INTENDED TO LIMIT THE CONTRACTOR TO ONE MANUFACTURER.
- 4 INLINE BLOWER MOUNTED ABOVE CEILING. DISCHARGE TO PLENUM.
- 5 PROVIDE 1/2" ACOUSTICAL LINER ON REGISTER PLENUM AND FIRST 6 LINEAR FEET OF DUCT.

	DIFFUSER/REGISTER/GRILLE SCHEDULE													
UNIT NO	NECK SIZE IN	MAX PRESSURE DROP IN WC	MAX NOISE CRITERIA	CFM RANGE	TYPE	MANUFACTURER 3	NOTES							
TG-1	6"x6"	0.05	15	0-150	CEILING REGISTER	TITUS 350FL	3							
E-1	12"x12"	0.05	15	276-500	CEILING REGISTER	TITUS 350FL	1-2							
NOTES:														

1. BORDER TYPE 3, 24" x 24" LAY-IN FOR T-BAR CLG.

2. PROVIDE WITH 12" HIGH ACOUSTICALLY LINED PLENUM FULL SIZE OF REGISTER CONNECTION.

FAN SCHEDULE													
			TOTAL				ELECTRICA	AL.	MANUEACTURED				
UNIT NO	TYPE	CFM	S.P. (IN. W.G.)	RPM	DRIVE	AMPS VOLTS PHASE		PHASE	MANUFACTURER AND MODEL NO 3	NOTES			
TF-1	CEILING MOUNTED VENTILATION	110	0.1	950	DIRECT	0.18	115	1	PANASONIC WHISPER CEILING FV-11VQ5				
EF-1	CENTRIFUGAL INLINE	400	0.75	1439	DIRECT	3.9	115	1	COOK GN-740	1			
NOTES:										_			

1. PROVIDE WITH REMOTE WALL MOUNTED FAN SPEED CONTROL, 5 AMP 120V, EQUAL TO COOK FSC. 2. SUSPEND UNIT FROM STRUCTURE ABOVE. PROVIDE RUBBER VIBRATION ISOLATOR EQUAL TO COOK RIS.

	SPLIT SYSTEM AIR CONDITIONING UNIT SCHEDULE																		
		DV	COOLING	COIL DATA			ELEC	CTRICAL	_ DAT	Ą									
UNIT	SUPPLY CFM HIGH/MED/LOW	D/ 1	COOLING	COIL DATA		REFRIGERANT								MANUFACTURER 3	NOTES				
NO		TC/SC	TC/SC	TC/SC	TC/SC	TC/SC	TC/SC	MIN	DOMC	FINS/	TYPE	LINE SIZES (IN)		VOLTS	PH	HZ	FLA	МОСР	AND MODEL NO
	, .	MBH SF ROWS IN		IN		SUCTION	LIQUID												
DSS-1	294/259/212	11.9/9.1	2.02	2	19.5	R-410A	3/8	1/4	115	1	60	10.9	20	SANYO KS1271	1,2,3				

- NOTES:

 1. PROVIDE WITH MATCHING OUTDOOR CONDENSING UNIT CU-1 LOCATED IN CEILING PLENUM. PROVIDE WITH SINGLE POINT POWER CONNECTION FOR DSS-1 & CU-1.
- 2. PROVIDE UNIT WITH 3-SPEED FAN 3. PROVIDE AUXILIARY CONDENSATE PUMP, EQUAL TO LITTLE GIANT, 115V/16/60HZ. PIPE PUMP DISCHARGE TO NEAREST INDIRECT WASTE.

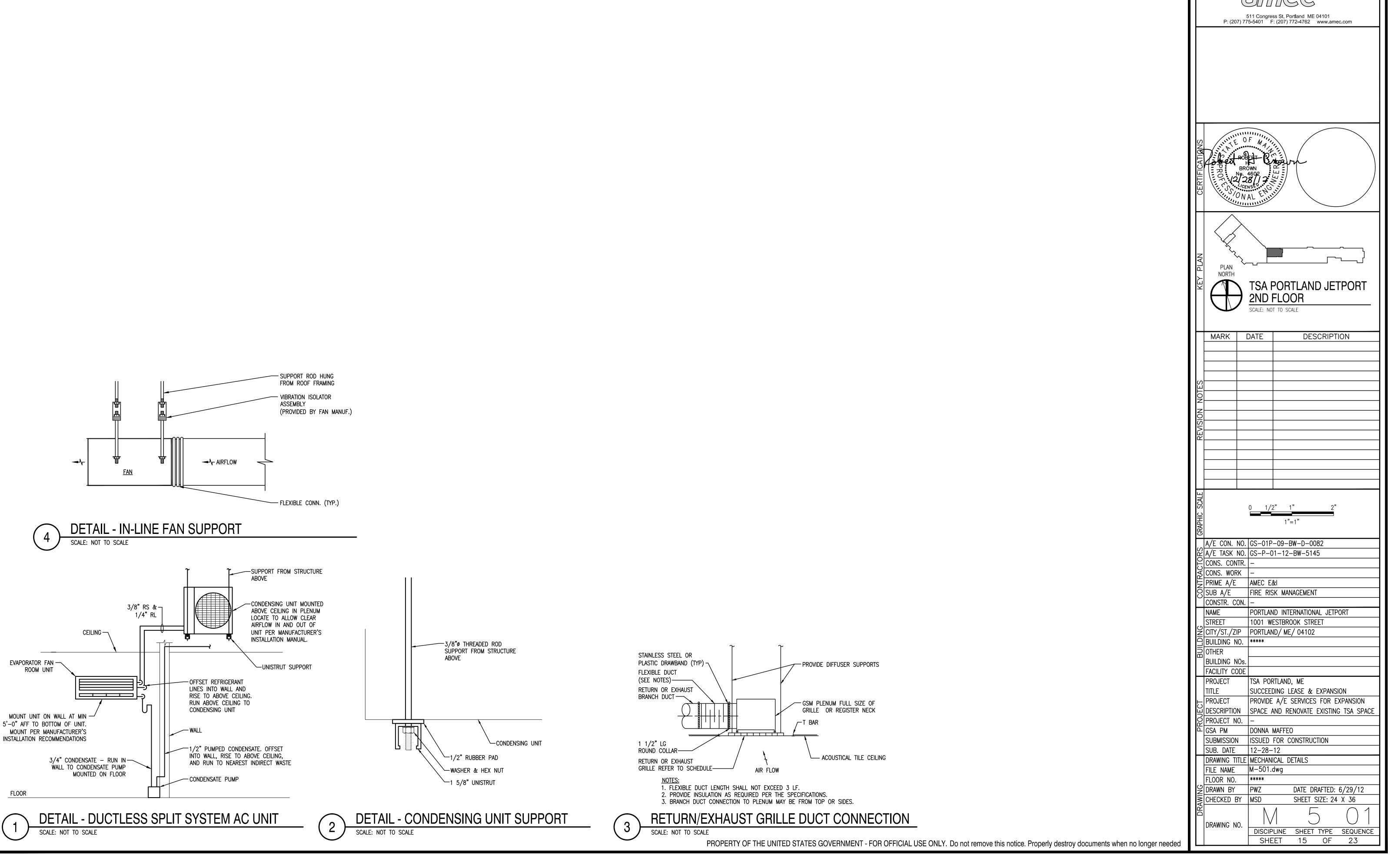
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	*	GENERAL SERVICES ADMINISTRATIC ****** *******
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_	P: (207) 77	511 Congress St, Portland ME 04101 75-5401 F: (207) 772-4762 www.amec.com
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		0 1/2" 1" 2"
		0 1/2" 1" 2"
GRAPHIC SCALE	A/E CON. NO.	1"=1"
GRAPHIC SCALE	A/E CON. NO. A/E TASK NO. CONS. CONTR.	1"=1"
GRAPHIC SCALE	A/E CON. NO. A/E TASK NO. CONS. CONTR. CONS. WORK	1"=1"
GRAPHIC SCALE	A/E TASK NO. CONS. CONTR. CONS. WORK PRIME A/E SUB A/E	1"=1"
GRAPHIC SCALE	A/E CON. NO. A/E TASK NO. CONS. CONTR. CONS. WORK PRIME A/E SUB A/E CONSTR. CON. NAME	1"=1"
GRAPHIC SCALE	A/E TASK NO. CONS. CONTR. CONS. WORK PRIME A/E SUB A/E CONSTR. CON. NAME STREET	1"=1" GS-01P-09-BW-D-0082 GS-P-01-12-BW-5145 AMEC E&I FIRE RISK MANAGEMENT - PORTLAND INTERNATIONAL JETPORT 1001 WESTBROOK STREET
LDING CONTRACTORS GRAPHIC SCALE	A/E TASK NO. CONS. CONTR. CONS. WORK PRIME A/E SUB A/E CONSTR. CON. NAME STREET CITY/ST./ZIP BUILDING NO.	1"=1" GS-01P-09-BW-D-0082 GS-P-01-12-BW-5145 AMEC E&I FIRE RISK MANAGEMENT - PORTLAND INTERNATIONAL JETPORT
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BUILDING CONTRACTORS GRAPHIC SCALE	A/E TASK NO. CONS. CONTR. CONS. WORK PRIME A/E SUB A/E CONSTR. CON. NAME STREET CITY/ST./ZIP BUILDING NO. OTHER BUILDING NOs. FACILITY CODE PROJECT TITLE PROJECT DESCRIPTION PROJECT NO. GSA PM	TSA PORTLAND, ME SUCCEEDING LEASE & EXPANSION PROVIDE A/E SERVICES FOR EXPANSION SPACE AND RENOVATE EXISTING TSA SPACE DONNA MAFFEO
BUILDING CONTRACTORS GRAPHIC SCALE	A/E TASK NO. CONS. CONTR. CONS. WORK PRIME A/E SUB A/E CONSTR. CON. NAME STREET CITY/ST./ZIP BUILDING NO. OTHER BUILDING NOS. FACILITY CODE PROJECT TITLE PROJECT DESCRIPTION PROJECT NO. GSA PM SUBMISSION SUB. DATE	GS-01P-09-BW-D-0082 GS-P-01-12-BW-5145 AMEC E&I FIRE RISK MANAGEMENT - PORTLAND INTERNATIONAL JETPORT 1001 WESTBROOK STREET PORTLAND/ ME/ 04102 ****** TSA PORTLAND, ME SUCCEEDING LEASE & EXPANSION PROVIDE A/E SERVICES FOR EXPANSION SPACE AND RENOVATE EXISTING TSA SPACE - DONNA MAFFEO ISSUED FOR CONSTRUCTION 12-28-12
BUILDING CONTRACTORS GRAPHIC SCALE	A/E TASK NO. CONS. CONTR. CONS. WORK PRIME A/E SUB A/E CONSTR. CON. NAME STREET CITY/ST./ZIP BUILDING NO. OTHER BUILDING NOS. FACILITY CODE PROJECT TITLE PROJECT DESCRIPTION PROJECT NO. GSA PM SUBMISSION SUB. DATE DRAWING TITLE FILE NAME	GS-01P-09-BW-D-0082 GS-P-01-12-BW-5145 AMEC E&I FIRE RISK MANAGEMENT - PORTLAND INTERNATIONAL JETPORT 1001 WESTBROOK STREET PORTLAND/ ME/ 04102 ****** TSA PORTLAND, ME SUCCEEDING LEASE & EXPANSION PROVIDE A/E SERVICES FOR EXPANSION SPACE AND RENOVATE EXISTING TSA SPACE - DONNA MAFFEO ISSUED FOR CONSTRUCTION 12-28-12 MECHANICAL FLOOR PLAN & SCHEDULES M-101.dwg
NG PROJECT BUILDING CONTRACTORS GRAPHIC SCALE	A/E TASK NO. CONS. CONTR. CONS. WORK PRIME A/E SUB A/E CONSTR. CON. NAME STREET CITY/ST./ZIP BUILDING NO. OTHER BUILDING NOS. FACILITY CODE PROJECT TITLE PROJECT DESCRIPTION PROJECT NO. GSA PM SUBMISSION SUB. DATE DRAWING TITLE	GS-01P-09-BW-D-0082 GS-P-01-12-BW-5145 AMEC E&I FIRE RISK MANAGEMENT - PORTLAND INTERNATIONAL JETPORT 1001 WESTBROOK STREET PORTLAND/ ME/ 04102 ****** TSA PORTLAND, ME SUCCEEDING LEASE & EXPANSION PROVIDE A/E SERVICES FOR EXPANSION SPACE AND RENOVATE EXISTING TSA SPACE - DONNA MAFFEO ISSUED FOR CONSTRUCTION 12-28-12 MECHANICAL FLOOR PLAN & SCHEDULES

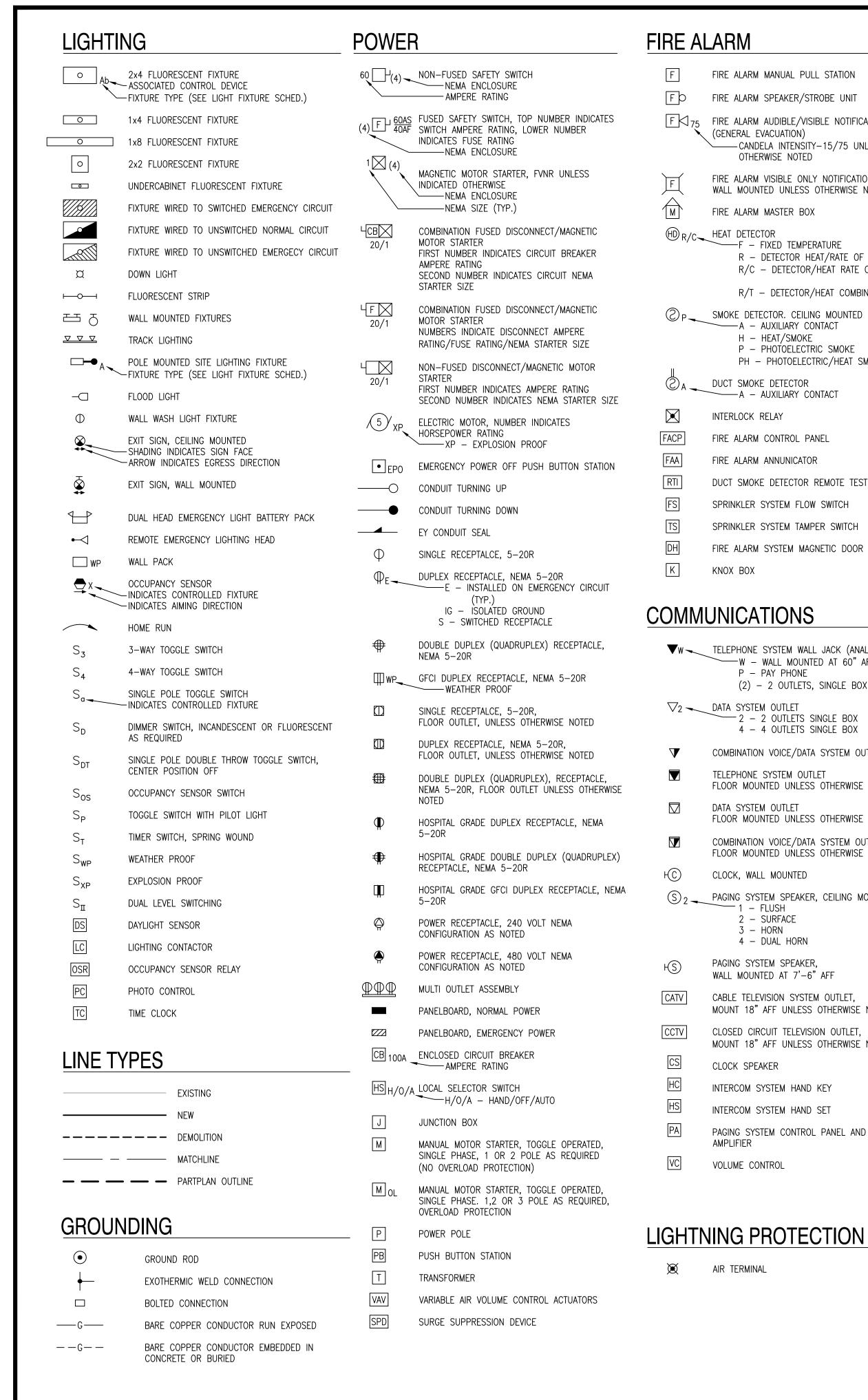
DISCIPLINE SHEET TYPE SEQUENCE SHEET 14 OF 23



1. SEE SHEET M-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.



GENERAL SERVICES ADMINISTRATION ******



FIRE A	ALARM
F	FIRE ALARM MANUAL PULL STATION
	FIRE ALARM SPEAKER/STROBE UNIT
F\175	
	(GENERAL EVACUATION) —— CANDELA INTENSITY—15/75 UNLESS OTHERWISE NOTED
F	FIRE ALARM VISIBLE ONLY NOTIFICATION APPLIANCE WALL MOUNTED UNLESS OTHERWISE NOTED
M	FIRE ALARM MASTER BOX
₩ R/C	HEAT DETECTOR F - FIXED TEMPERATURE R - DETECTOR HEAT/RATE OF RISE R/C - DETECTOR/HEAT RATE COMPENSATION
	R/T — DETECTOR/HEAT COMBINATION
©p ~	SMOKE DETECTOR. CEILING MOUNTED A – AUXILIARY CONTACT H – HEAT/SMOKE P – PHOTOELECTRIC SMOKE PH – PHOTOELECTRIC/HEAT SMOKE
□ 2 a →	DUCT SMOKE DETECTOR ———————————————————————————————————
	INTERLOCK RELAY
FACP	FIRE ALARM CONTROL PANEL
FAA	FIRE ALARM ANNUNICATOR
RTI	DUCT SMOKE DETECTOR REMOTE TEST INDICATOR
FS	SPRINKLER SYSTEM FLOW SWITCH
TS	SPRINKLER SYSTEM TAMPER SWITCH
DH	FIRE ALARM SYSTEM MAGNETIC DOOR HOLDER
[K]	KNOX BOX
	MUNICATIONS
	TELEPHONE SYSTEM WALL JACK (ANALOG) W - WALL MOUNTED AT 60" AFF P - PAY PHONE (2) - 2 OUTLETS, SINGLE BOX
COMN ▼w ~	TELEPHONE SYSTEM WALL JACK (ANALOG) W - WALL MOUNTED AT 60" AFF P - PAY PHONE (2) - 2 OUTLETS, SINGLE BOX DATA SYSTEM OUTLET 2 - 2 OUTLETS SINGLE BOX
COMN ▼w ~	TELEPHONE SYSTEM WALL JACK (ANALOG) W - WALL MOUNTED AT 60" AFF P - PAY PHONE (2) - 2 OUTLETS, SINGLE BOX DATA SYSTEM OUTLET 2 - 2 OUTLETS SINGLE BOX 4 - 4 OUTLETS SINGLE BOX
COMN ▼w ~	TELEPHONE SYSTEM WALL JACK (ANALOG) W - WALL MOUNTED AT 60" AFF P - PAY PHONE (2) - 2 OUTLETS, SINGLE BOX DATA SYSTEM OUTLET 2 - 2 OUTLETS SINGLE BOX 4 - 4 OUTLETS SINGLE BOX COMBINATION VOICE/DATA SYSTEM OUTLET TELEPHONE SYSTEM OUTLET
COMM ▼w ~	TELEPHONE SYSTEM WALL JACK (ANALOG) W - WALL MOUNTED AT 60" AFF P - PAY PHONE (2) - 2 OUTLETS, SINGLE BOX DATA SYSTEM OUTLET 2 - 2 OUTLETS SINGLE BOX 4 - 4 OUTLETS SINGLE BOX COMBINATION VOICE/DATA SYSTEM OUTLET TELEPHONE SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED DATA SYSTEM OUTLET
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COMN W V V L S 2 S 2 S 2 C S 2 C C C C C C C C C C C	TELEPHONE SYSTEM WALL JACK (ANALOG) W - WALL MOUNTED AT 60" AFF P - PAY PHONE (2) - 2 OUTLETS, SINGLE BOX DATA SYSTEM OUTLET 2 - 2 OUTLETS SINGLE BOX 4 - 4 OUTLETS SINGLE BOX COMBINATION VOICE/DATA SYSTEM OUTLET TELEPHONE SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED COMBINATION VOICE/DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED COMBINATION VOICE/DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED CLOCK, WALL MOUNTED PAGING SYSTEM SPEAKER, CEILING MOUNTED 1 - FLUSH 2 - SURFACE 3 - HORN 4 - DUAL HORN PAGING SYSTEM SPEAKER,
COMN W V V L S 2 L S 4 S	TELEPHONE SYSTEM WALL JACK (ANALOG) W - WALL MOUNTED AT 60" AFF P - PAY PHONE (2) - 2 OUTLETS, SINGLE BOX DATA SYSTEM OUTLET 2 - 2 OUTLETS SINGLE BOX 4 - 4 OUTLETS SINGLE BOX COMBINATION VOICE/DATA SYSTEM OUTLET TELEPHONE SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED COMBINATION VOICE/DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED COMBINATION VOICE/DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED CLOCK, WALL MOUNTED PAGING SYSTEM SPEAKER, CEILING MOUNTED 1 - FLUSH 2 - SURFACE 3 - HORN 4 - DUAL HORN PAGING SYSTEM SPEAKER, WALL MOUNTED AT 7'-6" AFF CABLE TELEVISION SYSTEM OUTLET,
COMN V V V L CCTV CS	TELEPHONE SYSTEM WALL JACK (ANALOG) W - WALL MOUNTED AT 60" AFF P - PAY PHONE (2) - 2 OUTLETS, SINGLE BOX DATA SYSTEM OUTLET 2 - 2 OUTLETS SINGLE BOX 4 - 4 OUTLETS SINGLE BOX COMBINATION VOICE/DATA SYSTEM OUTLET TELEPHONE SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED COMBINATION VOICE/DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED CLOCK, WALL MOUNTED PAGING SYSTEM SPEAKER, CEILING MOUNTED 1 - FLUSH 2 - SURFACE 3 - HORN 4 - DUAL HORN PAGING SYSTEM SPEAKER, WALL MOUNTED AT 7'-6" AFF CABLE TELEVISION SYSTEM OUTLET, MOUNT 18" AFF UNLESS OTHERWISE NOTED CLOSED CIRCUIT TELEVISION OUTLET,
COMN V V V CATV CCTV CS HC	TELEPHONE SYSTEM WALL JACK (ANALOG) W - WALL MOUNTED AT 60" AFF P - PAY PHONE (2) - 2 OUTLETS, SINGLE BOX DATA SYSTEM OUTLET 2 - 2 OUTLETS SINGLE BOX 4 - 4 OUTLETS SINGLE BOX COMBINATION VOICE/DATA SYSTEM OUTLET TELEPHONE SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED COMBINATION VOICE/DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED COMBINATION VOICE/DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED CLOCK, WALL MOUNTED PAGING SYSTEM SPEAKER, CEILING MOUNTED 1 - FLUSH 2 - SURFACE 3 - HORN 4 - DUAL HORN PAGING SYSTEM SPEAKER, WALL MOUNTED AT 7'-6" AFF CABLE TELEVISION SYSTEM OUTLET, MOUNT 18" AFF UNLESS OTHERWISE NOTED CLOSED CIRCUIT TELEVISION OUTLET, MOUNT 18" AFF UNLESS OTHERWISE NOTED
COMN W V V CTV CS HC HS	TELEPHONE SYSTEM WALL JACK (ANALOG) W - WALL MOUNTED AT 60" AFF P - PAY PHONE (2) - 2 OUTLETS, SINGLE BOX DATA SYSTEM OUTLET 2 - 2 OUTLETS SINGLE BOX 4 - 4 OUTLETS SINGLE BOX COMBINATION VOICE/DATA SYSTEM OUTLET TELEPHONE SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED COMBINATION VOICE/DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED CLOCK, WALL MOUNTED PAGING SYSTEM SPEAKER, CEILING MOUNTED 1 - FLUSH 2 - SURFACE 3 - HORN 4 - DUAL HORN PAGING SYSTEM SPEAKER, WALL MOUNTED AT 7'-6" AFF CABLE TELEVISION SYSTEM OUTLET, MOUNT 18" AFF UNLESS OTHERWISE NOTED CLOSED CIRCUIT TELEVISION OUTLET, MOUNT 18" AFF UNLESS OTHERWISE NOTED CLOCK SPEAKER
COMN V V V CATV CCTV CS HC	TELEPHONE SYSTEM WALL JACK (ANALOG) W - WALL MOUNTED AT 60" AFF P - PAY PHONE (2) - 2 OUTLETS, SINGLE BOX DATA SYSTEM OUTLET 2 - 2 OUTLETS SINGLE BOX 4 - 4 OUTLETS SINGLE BOX COMBINATION VOICE/DATA SYSTEM OUTLET TELEPHONE SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED COMBINATION VOICE/DATA SYSTEM OUTLET FLOOR MOUNTED UNLESS OTHERWISE NOTED CLOCK, WALL MOUNTED PAGING SYSTEM SPEAKER, CEILING MOUNTED 1 - FLUSH 2 - SURFACE 3 - HORN 4 - DUAL HORN PAGING SYSTEM SPEAKER, WALL MOUNTED AT 7'-6" AFF CABLE TELEVISION SYSTEM OUTLET, MOUNT 18" AFF UNLESS OTHERWISE NOTED CLOSED CIRCUIT TELEVISION OUTLET, MOUNT 18" AFF UNLESS OTHERWISE NOTED CLOCK SPEAKER INTERCOM SYSTEM HAND KEY

AIR TERMINAL

MEDIUM VOLTAGE DRAWOUT CIRCUIT BREAKER LOW VOLTAGE DRAWOUT CIRCUIT BREAKER AF — AMP FRAME AT - AMP TRIP EO – ELECTRICALLY OPERATED MOLDED CASE CIRCUIT AMPS DISCONNECT, ISOLATION OR SAFETY SWITCH **FUSED CUTOUT** FUSED LOAD BREAK SWITCH MEDIUM VOLTAGE MOTOR STARTER **CAPACITOR** DRAWOUT DEVICE **GROUND FUSE** POWER TRANSFORMER OA - LIQUID TYPE SELF COOLED AA - DRY TYPE SELF COOLED FA – FAN COOLED — CONNECTION SHIELDED ISOLATION TRANSFORMER 480/120V POTENTIAL TRANSFORMERS RATIO - NUMBER REQUIRED CURRENT TRANSFORMER C 600/5 RATIO - NUMBER REQUIRED GROUND FAULT CURRENT TRANSFORMERS TRANSFER SWITCH — ATS — AUTOMATIO MTS - MANUAL MAGNETIC MOTOR STARTER FVNR UNLESS OTHERWISE NOTED FVR - FULL VOLTAGE REVERSING RVAT - REDUCING VOLTAGE AUTO TRANSFORMER 2S - TWO SPEED ---- NEMA SIZE MOTOR. NUMBER INDICATES HORSEPOWER **GENERATOR** (KWH) METER AMMETER FREQUENCY METER KILOWATT HOUR KILOVAR METER POWER FACTOR METER VOLTMETER VAR METER WATTMETER WATT HOURMETER AMMETER TRANSFER SWITCH DPM DIGITAL POWER METER —_E0 ELECTRONICALLY OPERATED —GF GROUND FAULT —ST SHUNT TRIP

TRANSIENT VOLTAGE SURGE SUPPRESSOR

VOLTMETER TRANSFER SWITCH

VS

ONE-LINE DIAGRAM

ABBREVIATIONS ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AUTHORITY HAVING JURISDICTION AMPERE INTERRUPTING CAPACITY AMERICAN WIRE GAUGE BELOW FINISHED GRADE BFG BLDG BUILDING BOS BOTTOM OF STEEL CONDUIT, CONDUCTOR CATV CABLE TELEVISION CB CIRCUIT BREAKER CCTV CLG CLOSED CIRCUIT TELEVISION CEILING CPT CONTROL POWER TRANSFORMER CURRENT TRANSFORMER CU DACT DIGITAL ALARM COMMUNICATOR TRANSMITTER DB DISC DIRECT BURIED DISCONNECT DN EMT ELECTRICAL METALLIC TUBING EWC ELECTRIC WATER COOLER EQP EQUIPMENT **EXIST** EXISTING FIRE ALARM ANNUNCIATOR FACP FIRE ALARM CONTROL PANEL FB0 FURNISHED BY OTHERS FLR FLOOR FWE FURNISHED WITH EQUIPMENT GEN GENERATOR GFCI GND GROUND FAULT CIRCUIT BREAKER GROUND HORSEPOWER HTR HEATER ISOLATED GROUND INTERMEDIATE METAL CONDUIT **KCMIL** THOUSAND CIRCULAR MILS KILOVOLT KVA KILOVOLT-AMPERE KVAR KILOVOLT-AMPERE REACTIVE KILOWATT KW KILOWATT-HOUR LIGHTNING ARRESTER LTG LIGHTING METAL CLAD MCB MAIN CIRCUIT BREAKER MFR MANUFACTURER MINERAL INSULATED MLO MAIN LUG ONLY MTD MOUNTED MEDIUM VOLTAGE NORMALLY CLOSED NEC NATIONAL ELECTRICAL CODE NEG NEGATIVE NEUT NEUTRAL NOT IN CONTRACT NORMALLY OPEN NOT TO SCALE POWER FACTOR PHASE PVC POLYVINYL CHLORIDE RIGID STEEL CONDUIT RESISTANCE TEMPERATURE DETECTOR SOLID NEUTRAL SHIELDED TWISTED PAIR STT SHIELDED TWISTED TRIPLET

GENERAL NOTES 1. ALL GENERAL NOTES, SYMBOL LISTS AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL ELECTRICAL DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION IN THE DESIGN. 2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE (NEC). 3. ALL MOTOR SAFETY SWITCHES, DISCONNECTS AND MOTOR STARTERS ARE PROVIDED BY DIVISION 26000 UNLESS NOTED AS FURNISHED WITH EQUIPMENT (FWE). UNLESS OTHERWISE NOTED CONVENIENCE RECEPTACLES SHALL BE MOUNTED 18-INCHES AFF, LIGHTING TOGGLE SWITCHES 48-INCHES AFF, DATA SYSTEM OUTLETS 18-INCHES AFF, FIRE ALARM NOTIFICATION DEVICES 80-INCHES AFF OR 6-INCHES BELOW CEILING, WHICHEVER IS LOWER, AND FIRE ALARM MANUAL PULL STATIONS 48-INCHES TO TOP OF DEVICE. ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS SHALL BE SEALED WITH UL APPROVED FIRE SEALANT MATERIAL TO MAINTAIN THE RATING OF SEPARATION. ALL ENCLOSURES. CONDUIT BODIES AND THEIR COVERS CONTAINING FIRE ALARM SYSTEM CONDUCTORS SHALL BE PAINTED RED. AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH EVERY FEEDER AND BRANCH CIRCUIT. 8. UNLESS OTHERWISE NOTED WIRING SHALL BE 2#12 AWG CONDUCTORS AND #12 GND. HOME RUNS FED FROM 20A-1P CIRCUITS IN EXCESS OF 100 FEET SHALL BE #10 AWG. FLEXIBLE CONNECTIONS TO MOTORS SHALL BE LIQUID TIGHT FLEXIBLE METAL CONDUIT, UNLESS OTHERWISE NOTED. 10. LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION GRADE 120 VOLT, SIDE WIRED AND PROVIDED WITH GROUNDING SCREW. LEVITON, PASS AND SEYMOUR OR APPROVED EQUAL. COORDINATE COLOR WITH ARCHITECT. 11. CONVENIENCE RECEPTACLES SHALL BE COMMERCIAL SPECIFICATION GRADE GROUNDING TYPE NEMA 5-20R, SIDE WIRED. LEVITON, PASS AND SEYMOUR OR APPROVED EQUAL. COORDINATE COLOR WITH ARCHITECT. 12. PROVIDE WALL PLATES FOR ALL WIRING DEVICES, NYLON SMOOTH TYPE IN FINISHED AREAS AND GALVANIZED IN UNFINISHED AREAS. 13. ALL WIRING SHALL BE 600V, COPPER WITH THHN/THWN INSULATION. SERVICE ENTRANCE CONDUCTORS SHALL HAVE XHHW INSULATION. SWITCHBOARD SWITCHGEAR TOP OF STEEL TRANSFORMER TRANSIENT VOLTAGE SURGE SUPPRESSOR VOLT-AMPERE





WATT METER WEATHER PROOF

TRANSFORMER

EXPLOSION PROOF

VOLT-AMPERE REACTIVE

MONITORED DOOR POSITION SWITCH AND

CONTROLLED DOOR HARDWARE

OCCUPANCY SENSOR

DURESS STROBE

SECURITY CONTROL PANEL

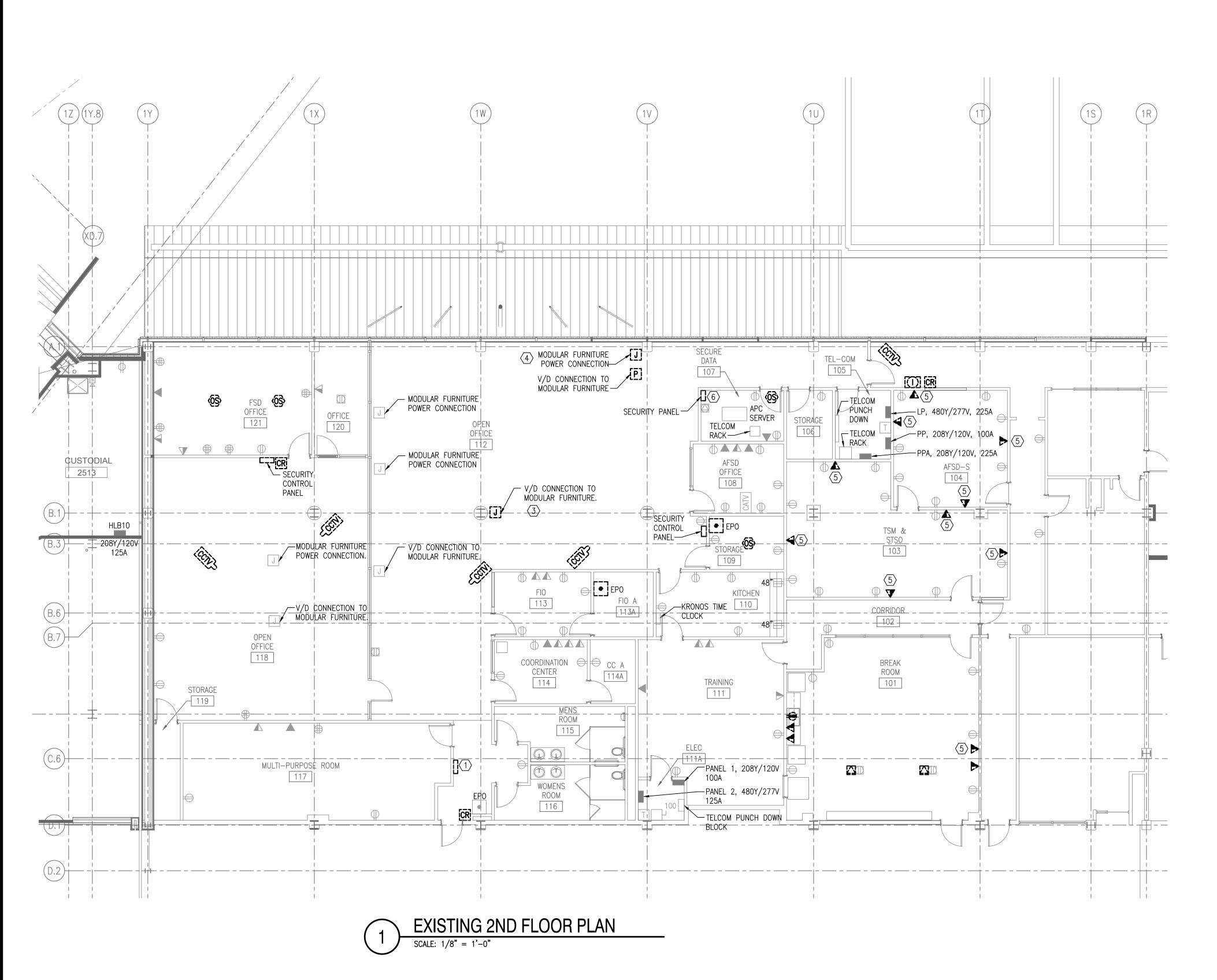
SWBD

TOS

TVSS

	AI PHONE INTERCOM STATION	DUR	DURESS CONTROL EQUIPMENT
CCTV	CLOSED CIRCUIT TELEVISION CAMERA	ES	ELECTRIC STRIKE
•	MOUNTED DURESS BUTTON	Al	AI PHONE MASTER STATION
• •	MOONIED DOKE22 BOLLON	KP	KEY PAD
•	DURESS ALARM RECEIVER	ML	MAG LOCK
CR	CARD READER	TV	CCTV MONITOR
	CAND READER		

REQUEST FOR EXIT SENSOR



- 1 SEE SHEET E001 FOR LEGEND, ABBREVIATIONS, & GENERAL NOTES.
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND PAINTING ALL WALLS AND CEILINGS NECESSARY TO INSTALL ALL DEVICES.

DEMOLITION KEYED NOTE:

- (1) KRONOS MACHINE SHALL BE REMOVED & RELOCATED. SEE SHEET EY101 FOR NEW LOCATION.
- $\langle 2 \rangle$ NOT USED.
- MODULAR FURNITURE CONNECTION SHALL BE REMOVED. CIRCUIT SHALL REMAIN & BE REUSED FOR CONNECTION TO NEW FLOOR MOUNTED RECEPTACLES. SEE EP101 FOR NEW RECEPTACLE LOCATIONS IN THIS AREA DESIGNATED BY KEYED NOTE 13.
- MODULAR FURNITURE CONNECTION SHALL BE REMOVED. CIRCUIT SHALL REMAIN & BE REUSED FOR CONNECTION TO NEW FLOOR MOUNTED RECEPTACLES. SEE EP101 FOR NEW RECEPTACLE LOCATIONS IN THIS AREA DESIGNATED BY KEYED NOTE 14.
- WIRING AND JACK SHALL BE REMOVED. CONDUIT & BOX SHALL REMAIN AND BE REUSED. SEE SHEET EY101 FOR NEW VOICE DATA REQUIREMENTS.
- 6 120 VOLT POWER CIRCUIT TO EXISTING SECURITY PANEL SHALL REMAIN & BE REUSED FOR NEW SECURITY PANEL.



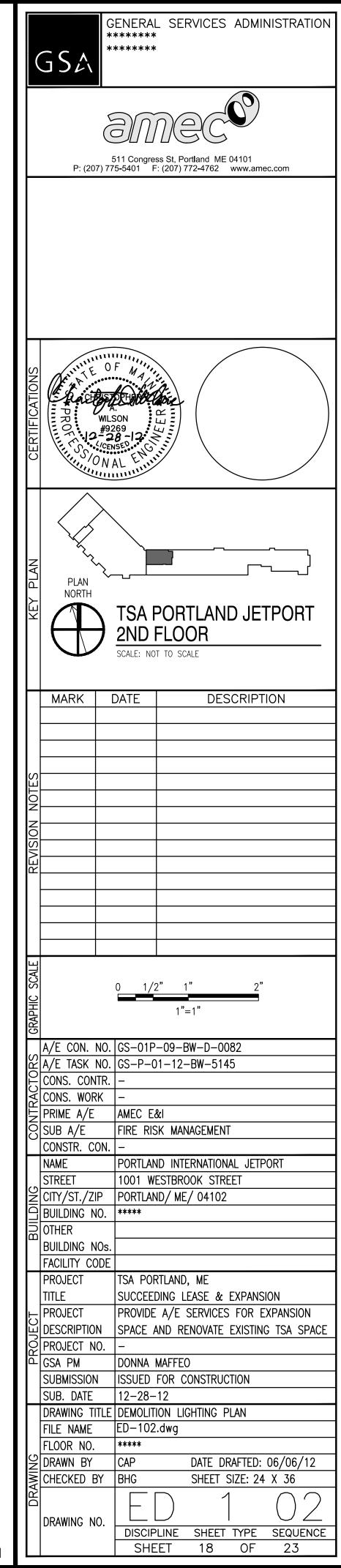
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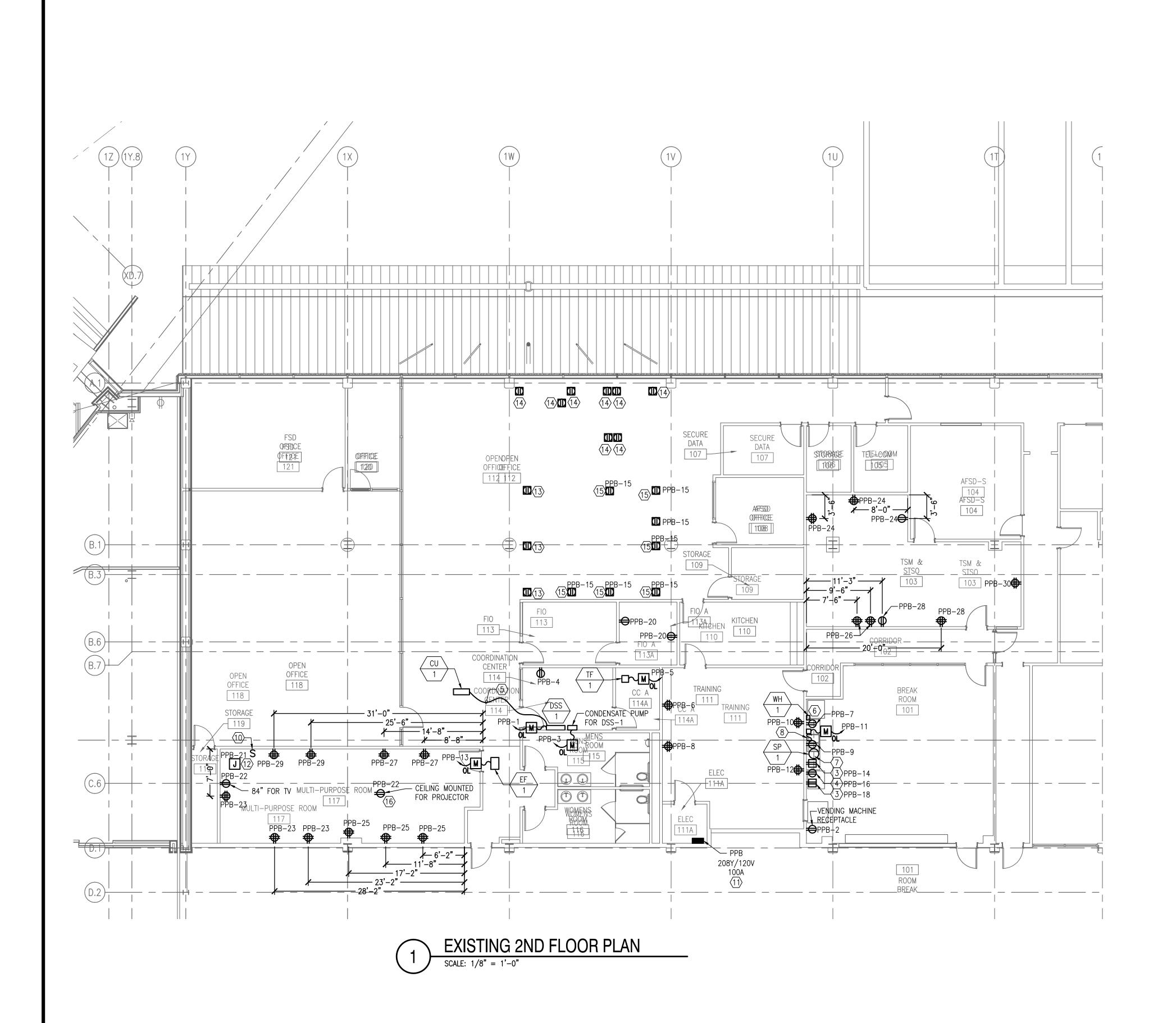
NOTES:

- 1. SEE SHEET E 001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND PAINTING ALL WALLS AND CEILINGS NECESSARY TO INSTALL ALL DEVICES.

DEMOLITION KEYED NOTE:

(1) LIGHT FIXTURE SHALL BE RELOCATED 2' TO THE WEST. SEE SHEET EL101 FOR NEW LOCATION.



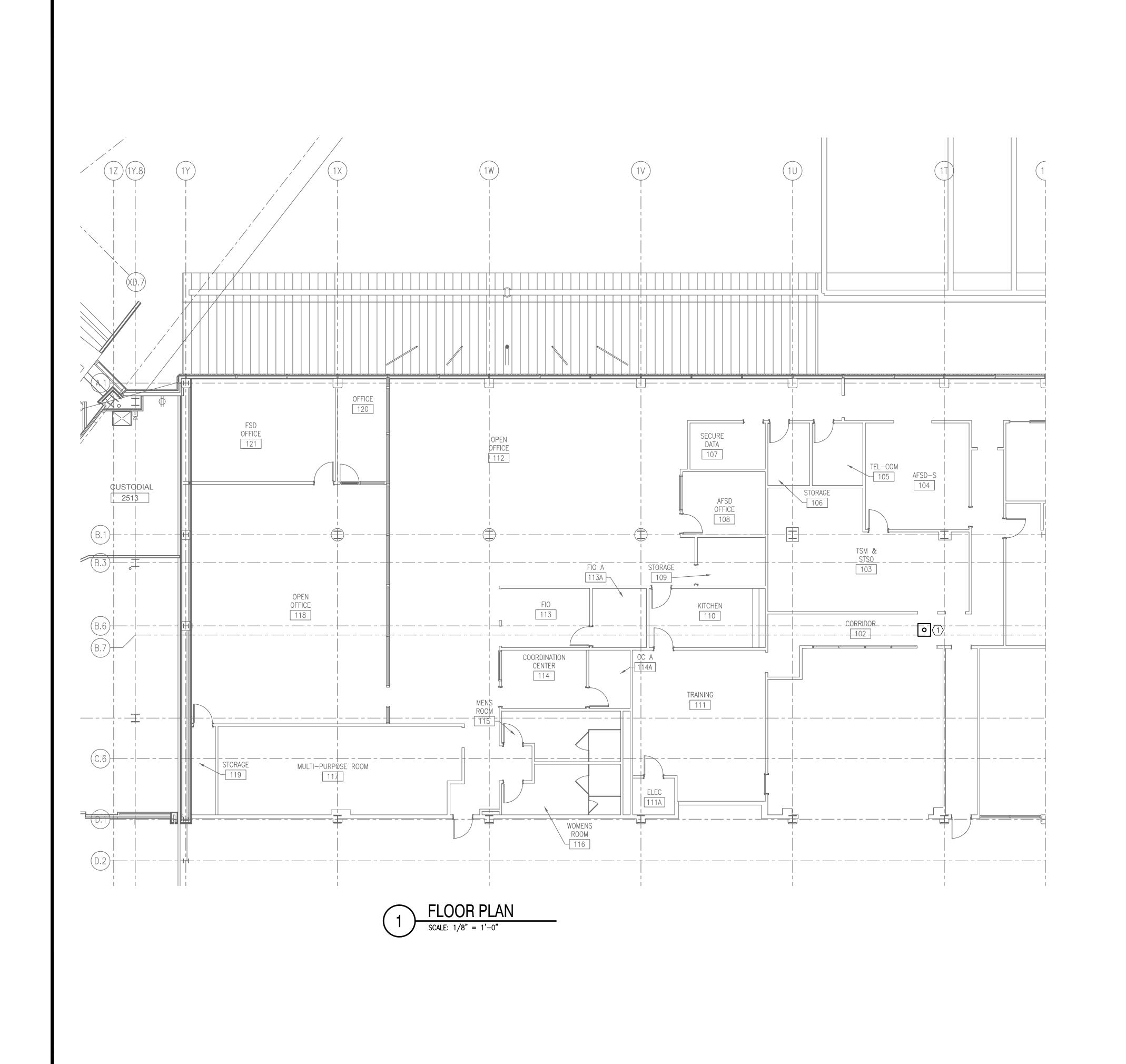


- 1. SEE SHEET E 001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND PAINTING ALL WALLS AND CEILINGS NECESSARY TO INSTALL ALL DEVICES.

KEYED NOTES:

- \bigcirc NOT USED.
- \bigcirc NOT USED.
- 3 MOUNT RECEPTACLE 6" ABOVE COUNTER.
- 4 RECEPTACLE MOUNTED UNDER COUNTER FOR MICROWAVE.
- PROVIDE WIRING & CONDUIT BETWEEN CONDENSING UNIT & DSS-1 PER MANUFACTURERS RECOMMENDATION.
- 6 MOUNT RECEPTACLE UNDER COUNTER FOR CONNECTION TO WATER HEATER WH-1.
- MOUNT RECEPTACLE UNDER COUNTER FOR CONNECTION TO SINK DRAIN PUMP SP-1.
- (8) MOUNT MOTOR RATED TOGGLE SWITCH 6" ABOVE COUNTER FOR CONNECTION TO GARBAGE DISPOSAL.
- 9 NOT USED
- (10) WALL SWITCH FOR CONTROL OF MOTORIZED SCREEN.
- REFER TO ONE-LINE DIAGRAM ON SHEET E-651 FOR FEEDER INFORMATION.
- PROVIDE JUNCTION BOX IN CEILING FOR CONNECTION TO MOTORIZED SCREEN. COORDINATE EXACT LOCATION WITH OWNER.
- REUSE EXISTING CIRCUIT FOR THIS AREA TO FEED NEW FLOOR MOUNTED RECEPTACLES. REFER TO KEYED NOTE#3 ON DEMOLITION DRAWING. MOUNT RECEPTACLES UP AGAINST INSIDE OF CUBICLE WALLS. COORDINATE WITH FURNITURE PLAN TO AVOID UNDER COUNTER FILING CABINET LOCATIONS. WIRING SHALL BE BENEATH FLOOR AND STUBBED UP TO RECEPTACLES.
- REUSE EXISTING CIRCUIT FOR THIS AREA TO FEED NEW FLOOR MOUNTED RECEPTACLES. REFER TO KEYED NOTE#4 ON DEMOLITION DRAWING. MOUNT RECEPTACLES UP AGAINST INSIDE OF CUBICLE WALLS. COORDINATE WITH FURNITURE PLAN TO AVOID UNDER COUNTER FILING CABINET LOCATIONS. WIRING SHALL BE BENEATH FLOOR AND STUBBED UP TO RECEPTACLES.
- MOUNT RECEPTACLE UP AGAINST INSIDE OF CUBICLE WALL. COORDINATE WITH FURNITURE PLAN TO AVOID UNDER COUNTER FILING CABINET LOCATIONS. WIRING SHALL BE BENEATH FLOOR AND STUBBED UP TO RECEPTACLE.
- (16) COORDINATE EXACT LOCATION WITH OWNER.

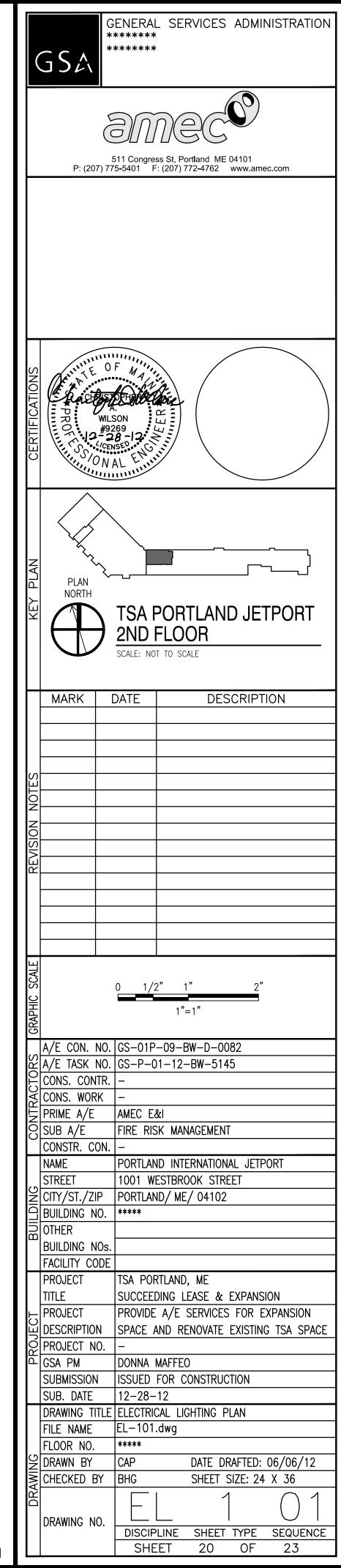


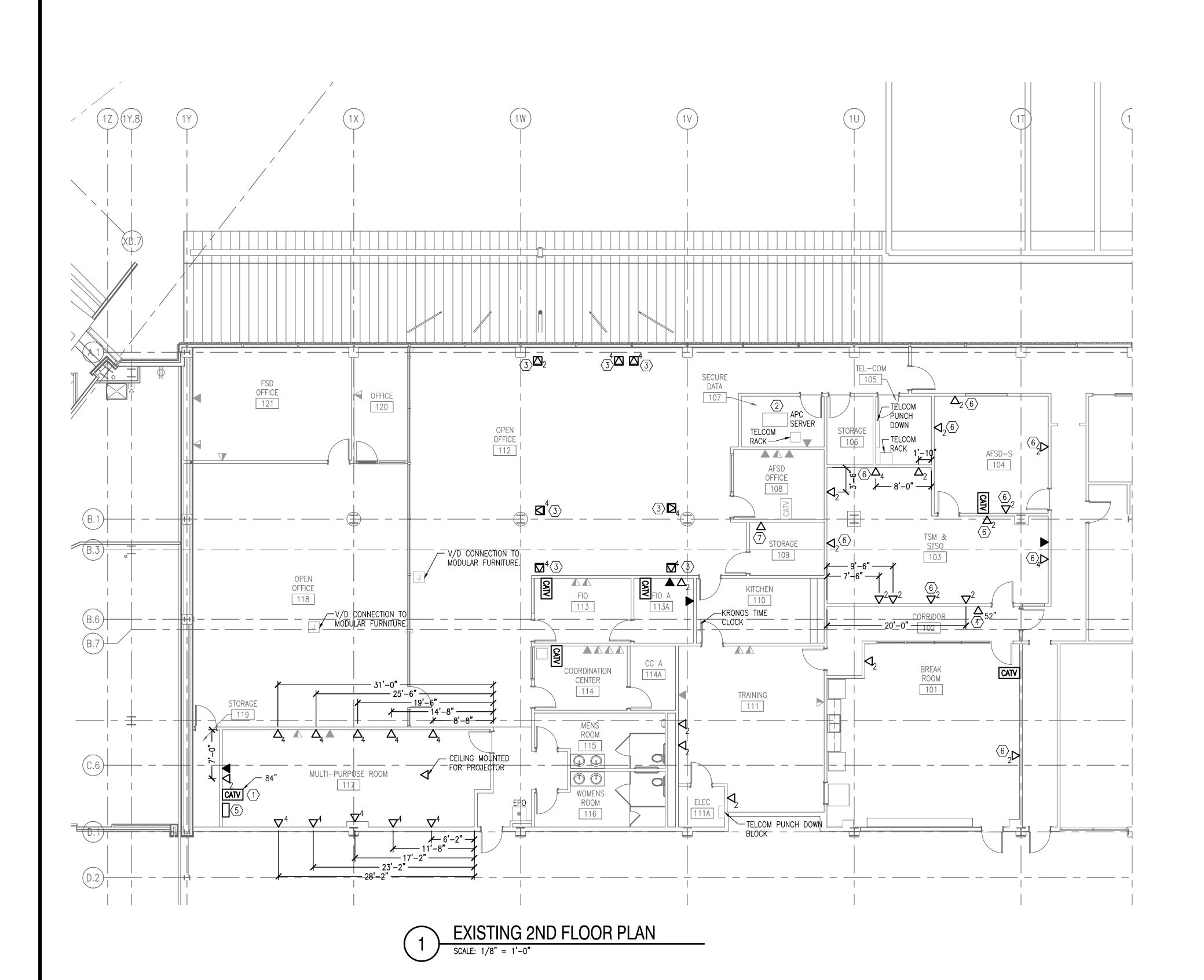


- 1. SEE SHEET E 001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- 2. CONTRACTOR SHALL REPLACE BURNT OUT LAMPS IN EXISTING LIGHTING FIXTURES.
- 3. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND PAINTING ALL WALLS AND CEILINGS NECESSARY TO INSTALL ALL DEVICES.

KEYED NOTE:

EXISTING LIGHT FIXTURE RELOCATED TO THIS LOCATION.



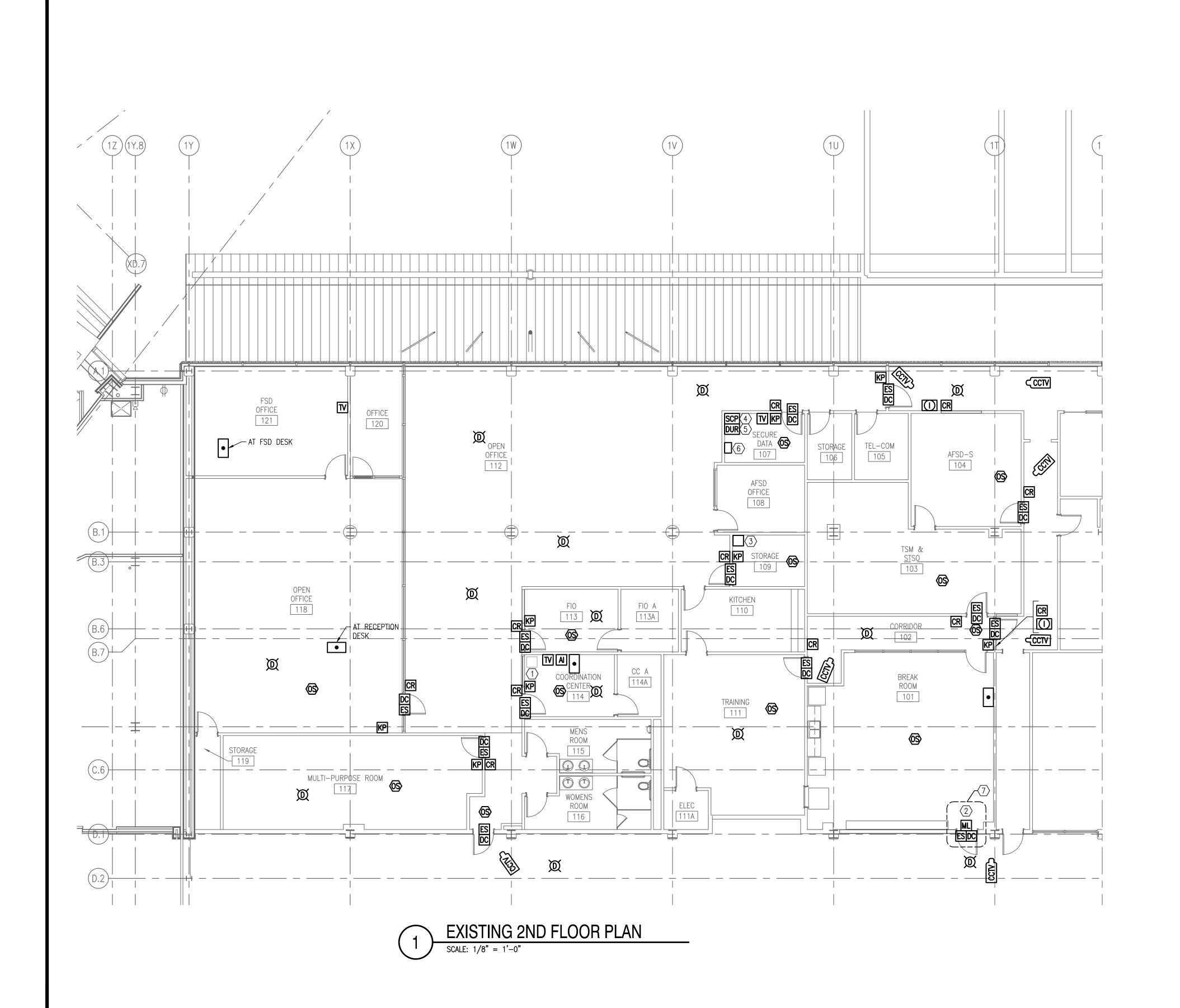


- 1. SEE SHEET E 001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- 2. WIRING FOR ALL DATA JACKS SHALL RUN BACK TO SECURE DATA ROOM 107.
- 3. WIRING FOR INDIVIDUAL WALL PHONE JACKS SHALL RUN BACK TO TEL-COM ROOM 105.
- 4. WIRING FOR ALL CABLE TV JACKS SHOWN SHALL RUN BACK TO TEL-COM ROOM 105.
- 5. PROVIDE A MINIMUM OF 1" CONDUIT TO ABOVE ACCESSIBLE CEILING FOR ALL NEW DATA, CABLE TV & PHONE JACKS, UNLESS OTHERWISE NOTED. WIRING ABOVE CEILINGS MAY UTILIZE J—HOOKS.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND PAINTING ALL WALLS AND CEILINGS NECESSARY TO INSTALL ALL DEVICES.

KEYED NOTES:

- PROVIDE DUAL CATV JACK. CONDUIT FOR CABLE TV JACK SHALL BE 1" MINIMUM AND RUN TO ABOVE ACCESSIBLE CEILING. COAX CABLE SHALL RUN FROM JACK BACK TO THE TEL-COM ROOM 105
- PROVIDE TWO NEW 48 PORT PATCH PANELS WITH FLUSH MOUNT JACKS, JACK ADAPTOR CONTACTS MADE OF 50 MICRO INCHES OF GOLD PLATED BRASS AND NICKEL PLATED STEEL TERMINATION CONTACTS AND MOUNT IN EXISTING RACK. EXISTING PATCH PANELS ARE AVAYA 1100PSE POWER SUM PANELS.
- PROVIDE STUB UP THROUGH FLOOR TO FLOOR JACK. MOUNT JACK AS CLOSE TO CUBICLE WALL AS POSSIBLE. COORDINATE WITH FURNITURE PLAN TO AVOID UNDER CABINET FILING CABINETS.
- MOUNT RELOCATED KRONOS MACHINE TO WALL IN THIS LOCATION.
 PROVIDE DATA JACK MOUNTED FLUSH IN WALL AT 52" AFF
 DIRECTLY BEHIND MACHINE. COORDINATE EXACT LOCATION WITH
 TSA KRONOS TERMINAL MACHINE INSTALLATION AND CONFIGURATION
 MANUAL
- PROVIDE TWO PORT VGA CABLE JACK AND MOUNT IN CREDENZA. RUN VGA CABLE FROM JACK TO OVERHEAD PROJECTOR.
- 6 EXISTING BOX & CONDUIT. PROVIDE NEW CABLING AS SPECIFIED BACK TO SECURE DATA ROOM 107.
- PROVIDED DATA CONNECTION AS RECOMMENDED BY VENDOR FOR ACCESS CONTROL ENROLLMENT STATION.

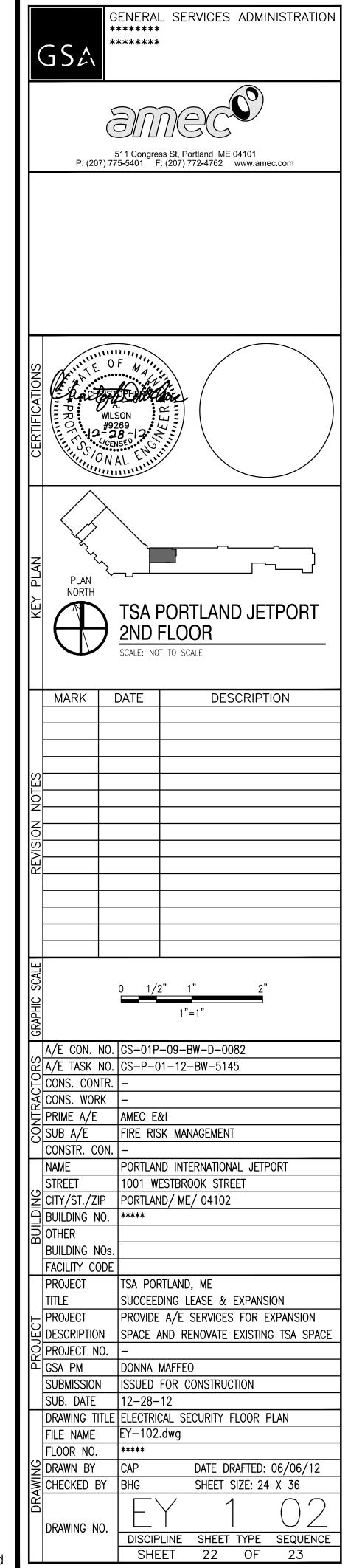




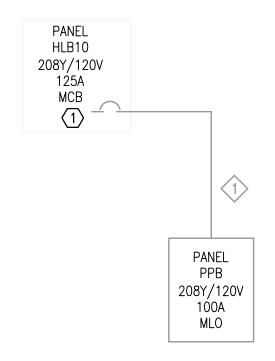
- 1. SEE SHEET E 001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- 2. PROVIDE A COMPLETE INTRUSION DETECTION SYSTEM, ACCESS CONTROL SYSTEM & CCTV SYSTEM. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COMPONENTS, CONDUIT, WIRING, SOFTWARE & PROGRAMMING NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
- 3. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND PAINTING ALL WALLS AND CEILINGS NECESSARY TO INSTALL ALL DEVICES.

KEYED NOTES:

- (1) EXISTING CLOSED CIRCUIT TV MONITORS.
- REINSTALL EXISTING MAG LOCK ON NEW DOOR. CONNECT TO EXISTING ELECTRICAL CIRCUIT AND EMERGENCY PUSH TO EXIT BUTTON
- PROVIDE HIRSCH ACCESS CONTROL ENROLLER WITH VELOCITY SOFTWARE OR EQUAL AND LOCATE IN THIS AREA.
- CONNECT NEW SECURITY CONTROL PANEL TO EXISTING SECURITY CONTROL PANEL CIRCUIT.
- 5 CONNECT DURESS CONTROL PANEL TO CIRCUIT PPB-17.
- TWO ACCESS CONTROL POWER PACKS FOR POWER TO ALL CARD READERS. CONNECT ONE POWER PACK TO CIRCUIT PPB—31 AND THE OTHER TO CIRCUIT PPB—33.
- 7 IF OPTION #2 IS SELECTED THEN THESE DEVICES WILL BE REMOVED FROM THE PROJECT.



DIRECTORY		VA LOA	\D	NO.	R AMPS	ļ ,	A В	1 1 1 :		NO.	k	VA LOA	D	DIRECTORY
	Α	В	С	R	BKR				BKR	K K	A	В	С	
1) DDS-1 & CU-1	1.3			1	20			$\overline{}$	20	2	1.0			RECEPT — VENDING MACHINE
CONDENSATE PUMP		0.5		3	20		•	$\overline{}$	20	4		0.2		RECEPT - COORD. CENTER 114
VENTILATION FAN TF-1 - RM 114A			0.1	5	20			<u> </u>	20	6			0.4	RECEPT — TRAINING 111
RECEPT — WATER HEATER (WH-1)	8.0			7	20			$\overline{}$	20	8	0.4			RECEPT — TRAINING 111
RECEPT — SINK PUMP (SP-1)		1.1		9	20		•	$\overline{}$	20	10		0.4		RECEPT — TRAINING 111
GARBAGE DISPOSAL (1/2 HP)			1.2	11	20			-	20	12			0.4	RECEPT — TRAINING 111
EF-1	0.5			13	20			$\overline{}$	20	14	0.2			RECEPT — BREAK ROOM
RECEPT FLOOR MOUNTED - OPEN OFFICE 112		1.1		15	20		•		20	16		1.0		RECEPT — BREAK ROOM
DURESS CONTROL PANEL			0.3	17	20			-	20	18			0.2	RECEPT — BREAK ROOM
SPARE	*			19	20			$\overline{}$	20	20	0.4			RECEPT — FIO 113A
MOTORIZED SCREEN - ROOM 117		0.2		21	20		•	$\overline{}$	20	22		0.8		RECEPT - MULTIPURPOSE ROOM 117 - TV & PROJECTO
RECEPT - MULTI PURPOSE ROOM 117			1.1	23	20			<u> </u>	20	24			0.8	RECEPT - TSM & STSO ROOM 103
RECEPT - MULTI PURPOSE ROOM 117	1.1			25	20			$\overline{}$	20	26	0.8			RECEPT - TSM & STSO ROOM 103
RECEPT - MULTI PURPOSE ROOM 117		0.8		27	20		•	$\overline{}$	20	28		0.6		RECEPT - TSM & STSO ROOM 103
RECEPT - MULTI PURPOSE ROOM 117			0.8	29	20			-	20	30			0.4	RECEPT - TSM & STSO ROOM 103
ACCESS CONTROL POWER PACKS	0.5			31	20			$\overline{}$	20	32				SPARE
ACCESS CONTROL POWER PACKS		0.5		33	20		•		20	34				SPARE
SPARE				35	20			→	20	36				SPARE
SPARE				37	20		H	$\overline{}$	20	38				SPARE
SPARE				39	20		•	-	20	40				SPARE
SPARE				41	20				20	42				SPARE
SUB-TOTAL	4.2	4.2	3.5	_					RAL BU		2.8	3.0	2.2	SUB-TOTAL
VOLTAGE: 208Y/120V 3 PHASE		4 V	VIRE	!	100	AMP BU	JS	TOTAL k	/A	A		 7.0		PANEL NO.:
MAIN LUGS ONLY		<u> </u>					-	TOTAL k		В		7.2		PPB FED FROM HLB10
MOUNTING: SURFACE								TOTAL k	/A	С		5.7		LOCATION:
SC RATING: 10, 000 AIC								TOTAL KVA			19.9			ELEC 111A
NOTES: 1) PROVIDE HACR CIRCUIT BREA	KER						'				•			





NOTE

1 SEE SHEET E001 FOR LEGEND, ABBREVIATIONS, & GENERAL NOTES

KEYED NOTE:

PROVIDE 60 AMP, 3 POLE BREAKER AND MOUNT IN EXIST PANEL HLB10. CONTRACTOR SHALL VERIFY THAT EXISTING PANEL HLB10 HAS CAPACITY FOR ADDITIONAL 19.9 KVA OF LOAD.

CABLE SCHEDULE:

1" C, 4-#6 AWG + #10 GND.

